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THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application
- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention
- [41] - Open to Public Inspection Date
- [45] - Date of Issue
- [48] - Correction Date (Re-Issued, Re-Examined)
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la Convention de Paris
- [41] - Date de mise à la disponibilité du public
- [45] - Date de délivrance
- [48] - Date de correction (Redélivrance, Réexamen)
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Nom(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After December 29, 2015

1. **Transmittal Fee** (Rule 14)	**$300**
2. **International Filing Fee**	**$1782***
For each additional sheet over 30	**$20**
3. **International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 29 décembre 2015

1. **Taxe de transmission** (Règle 14)	**300 $**
2. **Taxe de dépôt internationale**	**1782 $***
Pour chaque feuille au delà de 30	**20 $**
3. **Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. **Handling fee** (Rule 57.2(*a*))	**$268**
6. Preliminary examination fee (Rule 58)	**$800**

* International fees will be reduced by:

- **$135** for all applications filed using PCT-EASY,
- **$268** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$402** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*))	**268 $**
6. Taxe d'examen préliminaire (Règle 58)	**800 $**

* Les frais seront réduits de:

- **135 $** pour toutes les demandes déposées en utilisant PCT-EASY,
- **268 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **402 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (**publications.mail@wipo.int**) or visit their Web site (**www.wipo.int**).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (**publications.mail@wipo.int**) ou visiter leur site Web (**www.wipo.int**).

13. Practice Notice

STATUTORY HOLIDAYS *(DIES NON)*

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Time limits under the *Patent, Trade-marks, Industrial Design, Copyright* and *Integrated Circuit Topography Acts*

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

Time limits under the *Patent* and *Trade-marks Acts*

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts*.

13. Énoncé de pratique

JOURS FÉRIÉS (*DIES NON*)

Nota : *Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.*

Délais prévus dans *les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur* et *les topographies de circuits intégrés*

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Délais prévus dans la *Loi sur les brevets* et dans la *Loi sur les marques de commerce*

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

"If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

on which such Office or organization is not open to the public for the purposes of the transaction of official business;
on which ordinary mail is not delivered in the locality in which such Office or organization is situated;
which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or
which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists."

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

"Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;
où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;
qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou
qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus."

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

1) **Alberta:** 3rd Monday in February (Alberta Family Day)
2) **British Columbia:** 1st Monday in August (British Columbia Day)
3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
5) **Ontario:** 3rd Monday in February (Ontario Family Day) 1st Monday in August (Civic Holiday)
6) **Quebec:** June 24 (St. John the Baptist Day)
7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
8) **Yukon:** 3rd Monday in August (Discovery Day) When Patent and Trade-marks Offices are closed for business

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

All Saturdays and Sundays
*New Year's Day (Jan. 1)
Good Friday
Easter Monday
Victoria Day - First Monday immediately preceding May 25
*St. John the Baptist Day (June 24)
*Canada Day (July 1)
Labour Day - First Monday in September
Thanksgiving Day - Second Monday in October
*Remembrance Day (November 11)
*Christmas Day (December 25)
Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

14. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

1) **Alberta** : 3e lundi de février (Jour de la Famille de l'Alberta)
2) **Colombie-Britannique** : 1er lundi d'août (Fête de la Colombie-Britannique)
3) **Nouveau-Brunswick** : 1er lundi d'août (Fête du Nouveau-Brunswick)
4) **Nouvelle-Écosse** : 1er lundi d'août (congé statutaire)
5) **Ontario** : 3e lundi de février (Jour de la Famille de l'Ontario) 1er lundi d'août (congé statuaire)
6) **Québec** : 24 juin (Saint-Jean-Baptiste)
7) **Saskatchewan** : 1er lundi d'août (Fête de la Saskatchewan)
8) **Yukon** : 3e lundi d'août (Jour de la Découverte) Jours de fermeture au public des bureaux des brevets et des marques de commerce

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

Tous les samedi et dimanche
*Jour de l'An (1er janvier)
Vendredi Saint
Lundi de Pâques
Fête de Victoria - premier lundi précédant immédiatement le 25 mai
*Saint-Jean-Baptiste (le 24 juin)
*Fête du Canada (1er juillet)
Fête du travail - premier lundi de septembre
Jour de l'Action de grâces - deuxième lundi d'octobre
*Jour du souvenir (11 novembre)
*Jour de Noël (25 décembre)
L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

14. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the Offices.

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée (en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

15. Correspondence Procedures

May 24, 2016

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations*, section 2 of the *Copyright Regulations*, section 3 of the *Industrial Design Regulations* and section 3 of the *Integrated Circuit Topography Regulations*, the address of the Patent Office, the Office of the Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the *Patent Act* for obtaining a filing date, the documents will be returned to the sender.

Note regarding Fee Payment Forms: The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

15. Procédures de correspondance

le 24 mai, 2016

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance .

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

Aux fins des articles 5 et 54 des *Règles sur les brevets*, de l'article 3 du *Règlement sur les marques de commerce*, de l'article 2 du *Règlement sur le droit d'auteur*, de l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus pendant les heures normales d'ouverture sera réputée reçue le jour de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la *Loi sur les brevets* pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Note concernant le formulaire de paiements: Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1. Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-marks Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Industry Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 613-952-2268

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Industry Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6
   Tel.: 514-496-1797
   Toll-free: 1 888 237-3037

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Industry Canada
   151 Yonge Street, 4th Floor
   Toronto ON M5C 2W7
   Tel.: 416-973-5000

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Industry Canada
   Canada Place
   9700 Jasper Avenue, Suite 725
   Edmonton AB T5J 4C3
   Tel.: 780-495-4782
   Toll-free: 1 800 461-2646

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Industry Canada
   Library Square
   300 West Georgia Street, Suite 2000
   Vancouver BC V6B 6E1
   Tel.: 604-666-5000

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which

1. Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Industrie Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 613-952-2268

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Industrie Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6
   Tél. : 514-496-1797
   Sans frais : 1-888-237-3037

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Industrie Canada
   151, rue Yonge, 4e étage
   Toronto (Ontario) M5C 2W7
   Tél. : 416-973-5000

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Industrie Canada
   Canada Place
   9700, avenue Jasper, pièce 725
   Edmonton (Alberta) T5J 4C3
   Tél. : 780-495-4782
   Sans frais : 1-800-461-2646

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Industrie Canada
   Library Square
   300, rue Georgia Ouest, pièce 2000
   Vancouver (C.-B.) V6B 6E1
   Tél. : 604-666-5000

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date.

CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIC est alors fermé au public.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

2. *Registered Mail™* and *Xpresspost™* Service of Canada Post

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the *Registered Mail™* and *Xpresspost™* services of Canada Post are designated establishment or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the *Registered Mail™* and *Xpresspost™* services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

2. Service *Courrier recommandé*ᴹᶜ et *Xpresspost*ᴹᶜ de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les services *Courrier recommandé*ᴹᶜ et *Xpresspost*ᴹᶜ de Postes Canada sont des établissements ou des bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services *Courrier recommandé*ᴹᶜ et *Xpresspost*ᴹᶜ de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

3. Electronic Correspondence

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, subsection 3(6) of the *Trade-marks Regulations*, subsection 2(6) of the *Copyright Regulations*, subsection 3(6) of the *Industrial Design Regulations*, and subsection 3(6) of the *Integrated Circuit Topography Regulations*, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online via CIPO's Web site or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the *Patent Rules*, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the

3. Correspondance électronique

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, du paragraphe 3(6) du *Règlement sur les marques de commerce*, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du *Règlement sur les dessins industriels* et du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne sur le site web de l'OPIC ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des *Règles sur les brevets*, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à

national phase will not be accepted.

des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Subsection 3(9) of the *Trade-marks Regulations* specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Le paragraphe 3(9) du *Règlement sur les marques de commerce* prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

3.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

819-953-CIPO (953-2476) or
819-953-OPIC (953-6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the *Patent Rules* apply to facsimile correspondence.

3.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (953-6742) ou
819-953-CIPO (953-2476)

La correspondance par télécopieur qui est transmise à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoie. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des *Règles sur les brevets* s'appliquent à la correspondance par télécopieur.

3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically via CIPO's Web site.

3.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC.

Patents

For the purpose of subsection 5(6) of the *Patent Rules*, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe and ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register of patent agents;
- ordering copies in paper, or electronic form of a document.

Canada as Receiving Office Under the PCT: PCT-SAFE and ePCT

Pursuant to PCT Rule 89*bis*, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT e-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Trade-marks

For the purpose of subsection 3(6) of the *Trade-marks Regulations*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site, by accessing the following web pages:

- filing a new or revised trade-mark application;
- renewal of a trade-mark registration;
- request to enter a name on the list of trade-mark agents;
- annual renewal of a trade-mark agent;
- requesting copies of trade-mark documents;
- filing of a declaration of use;
- registration of a trade-mark application; and
- statement of Opposition; and
- extensions of time in trade-mark opposition cases.

Brevets

Aux fins du paragraphe 5(6) des *Règles sur les brevets*, la correspondance suivante destinée au Bureau des brevets peut être envoyés par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe et ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Le Canada comme office récepteur au titre du PCT: PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Marques de commerce

Aux fins du paragraphe 3(6) du *Règlement sur les marques de commerce*, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être transmise par voie électronique sur le site Web de l'OPIC notamment par les pages Web suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce.
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site, by accessing the following web pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

Droits d'auteur

Aux fins du paragraphe 2(6) du *Règlement sur le droit d'auteur*, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the *Industrial Design Regulations*, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's web site, by accessing the following web pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du *Règlement sur les dessins industriels*, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the *Integrated Circuit Topography Regulations*, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's web site, by accessing the following web pages:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits integers

Topographies de circuits intégrés
Aux fins du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- correspondance générale relative aux topographies de circuits intégrés.

3.3 Electronic Medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements

3.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande.

prescribed in the *Patent Rules* still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the *Patent Rules*, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

Les exigences relatives à la date de dépôt énoncées dans les *Règles sur les brevets* resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des *Règles sur les brevets*, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to *PCT Rules* 89*bis* and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or
ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing

Le Canada comme office récepteur au titre du PCT: Dépôt électronique des listages de séquences

Conformément aux *Règles* 89bis et 89ter *du PCT* et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou
ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT.

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des

fee, refer to Section 7 of the PCT Administrative Instructions.

séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationaleale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

4. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, the acceptable file formats for documents submitted electronically via the web site or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the *Patent Rules*, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black & white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;

4. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, les formats de fichiers acceptables pour les documents présentés par voie électronique sur le site Web ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des *Règles sur les brevets*, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Résolution : 300 ou 400 ppp;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF :

- Compatible avec Adobe Portable Document Format Version 1.4;
- Texte non comprimé, pour faciliter la recherche;
- Texte non chiffré;

- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

ASCII Format:

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Industrial Design

For the purposes of subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database.

5. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

Format ASCII :

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du *Règlement sur les dessins industriels*, les formats de fichiers acceptables pour les documents présentés électroniquement par le site Web sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris);
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Pour toutes les images soumises dans différents formats, le bureau peut imprimer les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

5. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of August 2, 2016 contains applications open to public inspection from July 17, 2016 to July 23, 2016.

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 2 août 2016 contient les demandes disponibles au public pour consultation pour la période du 17 juillet 2016 au 23 juillet 2016.

Canadian Patents Issued

August 2, 2016

Brevets canadiens délivrés

2 août 2016

[11] **2,384,115**
[13] C
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/7088 (2006.01) A61K 38/17 (2006.01) A61P 19/02 (2006.01) A61P 37/00 (2006.01) C07K 14/705 (2006.01) C07K 16/28 (2006.01) C07K 19/00 (2006.01) G01N 33/53 (2006.01) G01N 33/543 (2006.01) G01N 33/566 (2006.01) G01N 33/577 (2006.01) G01N 33/68 (2006.01) A61K 38/00 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATMENT OF INFLAMMATORY DISEASE USING CADHERIN-11 MODULATING AGENTS**
[54] **TECHNIQUES ET COMPOSITIONS DESTINEES AU TRAITEMENT DE MALADIE INFLAMMATOIRE PAR UTILISATION D'AGENTS DE MODULATION CADHERINE-11**
[72] BRENNER, MICHAEL B., US
[72] VALENCIA, XAVIER, US
[73] BRIGHAM AND WOMEN'S HOSPITAL, INC., US
[85] 2002-02-28
[86] 2000-09-01 (PCT/US2000/024101)
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[30] US (60/152,456) 1999-09-03
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[73] UNITED STATES POSTAL SERVICE, US
[85] 2003-06-17
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[54] **POLYNUCLEOTIDE THERAPY AGAINST AUTOANTIGENS FOR TREATING INSULIN DEPENDENT DIABETES MELLITUS**
[54] **THERAPIE A BASE DE POLYNUCLEOTIDES CONTRE DES AUTOANTIGENES POUR LE TRAITEMENT DU DIABETE INSULINODEPENDANT**
[72] FONTOURA, PAULO, PT
[72] GARREN, HIDEKI, US
[72] ROBINSON, WILLIAM H., US
[72] STEINMAN, LAWRENCE, US
[72] RUIZ, PEDRO JOSE, US
[72] UTZ, PAUL J., US
[73] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
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[54] **HUMAN MONOCLONAL ANTIBODIES TO EPIDERMAL GROWTH FACTOR RECEPTOR (EGFR)**
[54] **ANTICORPS MONOCLONAUX HUMAINS DIRIGES CONTRE LE RECEPTEUR DE FACTEUR DE CROISSANCE EPIDERMIQUE (EGFR)**
[72] VAN DE WINKEL, JAN, NL
[72] VAN DIJK, MARCUS A., NL
[72] GERRITSEN, ARNOUT F., NL
[72] HALK, EDWARD, US
[73] GENMAB A/S, DK
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[54] **SYSTEM AND METHOD FOR SELECTION OF MESSAGING SETTINGS**
[54] **SYSTEME ET PROCEDE DE SELECTION DE PARAMETRES DE MESSAGERIE**
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[25] EN
[54] **SYSTEMS, METHODS AND APPARATUSES FOR REAL-TIME TRACKING OF PACKAGES**
[54] **SYSTEMES, PROCEDES ET APPAREILS DE LOCALISATION DE PAQUETS EN TEMPS REEL**
[72] METAXATOS, PAUL, US
[72] FRIEDLEY, PAUL D., US
[72] SALZMAN, DAVE, US
[72] HAMBLEN, GUY A., US
[72] BURDICK, JOSEPH, US
[72] GLAVE, GERALD, US
[72] MARSH, DONALD, US
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[62] 2,411,817
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[54] **ONE CLICK CONDITIONAL FORMATTING METHOD AND SYSTEM FOR SOFTWARE PROGRAMS**
[54] **METHODE ET SYSTEME DE FORMATAGE CONDITIONNEL INSTANTANE POUR LOGICIELS**
[72] CHAMBERLAIN, BENJAMIN C., US
[72] WEBER, BRANDON G., US
[72] JONES, BRUCE CORDELL, US
[72] ELLIS, CHARLES D., US
[72] STREET, CHRISTOPHER M., US
[72] GAINER, DAVID F., US
[72] VIGESAA, ERIC B., US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[72] HANGER, DIANE, GB
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[72] CARDINAL, MARK EDWARD, US
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[54] **PROCEDES ET SYSTEMES DE COMPRESSION DE DONNEES**
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[72] MISENER, LOWELL, CA
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[54] **PROCEDES ET MOYENS DE PROTECTION DE LA PEAU CONTRE DES MICRO-ORGANISMES PATHOGENES**
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[72] VEEN, MARKUS, DE
[72] BUDDE, ECKHARD, DE
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[72] REINDL, ANDREAS, DE
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[54] **OPTIMISATION DE DECISIONS CONCERNANT PLUSIEURS ACTIFS EN PRESENCE DE DIVERSES INCERTITUDES SOUS-JACENTES**
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[72] NARAYANAN, KESHAV, US
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[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[54] **DISPOSITIFS ET PROCEDES DE DETECTION D'ANALYTE FAISANT APPEL A UNE CORRECTION HEMATOCRITES/VOLUME ET A UN CONTROLE A RETROACTION**
[72] EMERY, JEFFREY L., US
[72] STIVERS, CAROLE R., US
[73] INTUITY MEDICAL, INC., US
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[72] FINCHER, GEOFFREY BRUCE, AU
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[54] **PROCEDE ET APPAREIL POUR SEQUENCER DES TRANSACTIONS DE MANIERE GLOBALE DANS UN GROUPE DE BASES DE DONNEES REPARTIES AVEC UN CONTROLE DE COLLISION**
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[73] OPEN INVENTION NETWORK LLC, US
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[54] **PROCEDE DE PREPARATION DE MEDICAMENTS FONDE SUR L'ACCROISSEMENT DE L'AFFINITE DES SURFACES DE MICROPARTICULES CRISTALLINES POUR DES PRINCIPES ACTIFS**
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[54] **SYSTEME ET PROCEDE POUR CALCULER DES BORNES ETROITES SUR UNE FONCTION POLYNOMIALE A INTERVALLES MODAUX**
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[73] EDUCATIONAL FOUNDATION JICHI MEDICAL UNIVERSITY, JP
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[54] **GENERATION ET PROFILAGE D'ANTICORPS THERAPEUTIQUES DERIVES DE HUCAL GOLD ENTIEREMENT HUMAINS, SPECIFIQUES DE CD38 HUMAIN**
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[54] **METHODE DE FABRICATION DE PROTHESES DENTAIRES**
[72] BAEUR, JOCHEN, DE
[72] KLAUS, ANGELA, DE
[72] STEINKE, RUDI, DE
[72] WEISENSEL, LARS, DE
[73] DENTSPLY SIRONA INC., US
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[54] **METHOD OF FORMING A CONTAINER WITH IMPROVED RELEASE PROPERTIES**
[54] **METHODE DE FABRICATION D'UN CONTENANT AUX PROPRIETES DE LIBERATION AMELIOREES**
[72] KIM, DENNIS ANN, US
[72] RIVARD, MIA, CA
[72] EDGERTON, JEFFREY DONALD, US
[72] CHAU, KIM-HUN, CA
[72] HAMILTON, LAEL W., US
[72] SCHWIMMER, WILLIAM, US
[73] KRAFT FOODS GROUP BRANDS LLC, US
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[54] **PROCEDE DE PREPARATION DE TOLUENESULFONATES BORES DE METAL ALCALINO-TERREUX**
[72] DUCHESNE, PERLA, FR
[72] MCDONALD, JOHN, US
[72] SINQUIN, GILLES, FR
[72] TEQUI, PIERRE, FR
[73] CHEVRON ORONITE COMPANY LLC, US
[73] CHEVRON ORONITE SAS, FR
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[54] **METHODE ET DISPOSITIF DE TRAITEMENT XML ASSURANT L'AFFICHAGE SUR UN APPAREIL MOBILE**
[72] CHEN, JACK, CA
[72] WEINTRAUB, DAVID, CA
[72] LI, JIAN FRANK, CA
[73] BLACKBERRY LIMITED, CA
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[72] SIMPSON, WILLIAM E., US
[72] TRAFELET, NANCY D., US
[72] SWAIN, ANDY, GB
[72] HOLDEN, DAVID, GB
[72] CROSSDALE, GARRY W., GB
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[54] **METHODS TO PAIR A MEDICAL DEVICE AND AT LEAST A REMOTE CONTROLLER FOR SUCH MEDICAL DEVICE**
[54] **METHODES D'APPARIEMENT D'UN DISPOSITIF MEDICAL ET D'AU MOINS UNE TELECOMMANDE ASSOCIEE**
[72] BRUKALO, KRZYSZTOF Z., US
[72] EBNER, MANFRED, US
[72] GETZ, STEVEN, US
[72] HOHL, DAVID, US
[72] POHLMAN, DAVID, US
[73] ANIMAS CORPORATION, US
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[54] **SYSTEMES ET METHODES D'APPARIEMENT D'UN DISPOSITIF MEDICAL ET D'UNE TELECOMMANDE ASSOCIEE**
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[72] BRUKALO, KRZYSZTOF Z., US
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[72] GETZ, STEVEN, US
[72] BREWER, CARL, US
[72] KRAFT, ULRICH, US
[72] DESTAFANO, MARK, US
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[54] **BAGAGE AVEC SEPARATEUR AMOVIBLE**
[72] SHEIKH, EMRAN, CA
[73] HEYS INTERNATIONAL LTD., CA
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[72] PALKOWSKY, DOUGLAS A., US
[72] LU, ALBERT, US
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[72] JOHNSON, KEVIN, US
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[73] SIEMENS INDUSTRY, INC., US
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[54] **PROCEDE D'ISOLEMENT DE LA CALLITERPENONE (16ALPHA,17-DIHYDROXY-3-OXO-PHYLLOCLADANE)**
[72] SINGH, ANIL KUMAR, IN
[72] KHANUJA, SUMAN PREET SINGH, IN
[72] TANDON, SUDEEP, IN
[72] KALRA, ALOK, IN
[72] SAHOO, DEEPTANJALI, IN
[72] KAHOL, ATUL PRAKASH, IN
[72] GUPTA, MADAN MOHAN, IN
[72] VERMA, RAM KISHOR, IN
[72] KUKREJA, ARUN KUMAR, IN
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[54] **PREPARATION AMELIOREE DE POLYMERES A EMPREINTES MOLECULAIRES**
[72] KRISTENSEN, JESPER SVENNING, DK
[72] NIELSEN, KLAUS GREGORIUS, DK
[72] KROGH, NICOLAS OTTO, DK
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[54] **PROCEDE ET APPAREIL POUR EPILATION PAR LA LUMIERE**
[72] KARNI, ZIV, IL
[72] LEPSELTER, JOSEPH, IL
[73] ALMA LASERS LTD., IL
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[54] **MEASURING DEVICE AND METHOD FOR LOCAL MEASUREMENT OF AT LEAST ONE ELECTRICAL PROPERTY OF THE CONTENT OF A CONTAINER**
[54] **APPAREIL ET METHODE DE MESURE LOCALE D'AU MOINS UNE PROPRIETE ELECTRIQUE DU CONTENU D'UN RECIPIENT**
[72] SLEZAK, MARIAN JOZEF WALTER, NL
[72] SCHOENMAKERS, CORNELIS WIJNAND PETRUS, NL
[73] FLUID WELL INSTRUMENTS B.V., NL
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[54] **SYSTEME CELLULAIRE DE PROTECTION DE BOITIER POUR ENSEMBLE ROULEAU**
[72] GAGNON, JEAN-PIERRE, CA
[73] TECHNOLOGIES ENDURIDE INC., CA
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[72] PASCA, ALEXANDRU, MARIUS, US
[73] GOOGLE INC., US
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[54] **CAPTEUR PERMETTANT DE MESURER ET DE DETECTER L'ACETYLENE ET L'HYDROGENE DISSOUS DANS UN FLUIDE**
[72] GRINCOURT, YVES, CA
[72] BABES-DORNEA, ELENA, CA
[73] GENERAL ELECTRIC COMPANY, US
[86] (2647799)
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[54] **COMPOSES SUBSTITUES DE PYRIDYLOXADIAZOLE ET COMPOSITIONS**
[72] LEARMONTH, DAVID ALEXANDER, PT
[72] KISS, LASZLO ERNO, PT
[72] LEAL PALMA, PEDRO NUNO, PT
[72] DOS SANTOS FERREIRA, HUMBERTO, PT
[72] ARAUJO SOARES DA SILVA, PATRICIO MANUEL VIEIRA, PT
[73] BIAL - PORTELA & C.A., S.A., PT
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[54] **METHODS FOR DETECTING HUMANS**
[54] **PROCEDES POUR DETECTER DES ETRES HUMAINS**
[72] SABATIER, JAMES M., US
[72] EKIMOV, ALEXANDER E., US
[72] FREDERICKSON, CARL K., US
[73] THE UNIVERSITY OF MISSISSIPPI, US
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[72] MARTIN, TREVOR, CA
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[54] **DATA UPDATING SYSTEM, TERMINAL DEVICE, SERVER, AND METHOD OF DATA UPDATING**
[54] **SYSTEME D'ACTUALISATION DE DONNEES, DISPOSITIF TERMINAL, SERVEUR ET METHODE D'ACTUALISATION DE DONNEES**
[72] TAKAHATA, SEIJI, JP
[72] SAWAI, KIMIYOSHI, JP
[72] KODAN, TOMOKI, JP
[72] SUGIMOTO, HIRONOBU, JP
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[54] **PREPARATION AND USES OF GENE SEQUENCES ENCODING CHIMERICAL GLYCOSYLTRANSFERASES WITH OPTIMIZED GLYCOSYLATION ACTIVITY**
[54] **PREPARATION ET UTILISATIONS DE SEQUENCES GENIQUES CODANT DES GLYCOSYLTRANSFERASES CHIMERIQUES PRESENTANT UNE ACTIVITE DE GLYCOSYLATION OPTIMISEE**
[72] RONIN, CATHERINE, FR
[72] GUIRAUDIE-CAPRAZ, GAELLE, FR
[73] UNIVERSITE DE PROVENCE (AIX MARSEILLE I), FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[54] **APPARATUSES AND METHODS FOR PRODUCTION OF RADIOISOTOPES IN NUCLEAR REACTOR INSTRUMENTATION TUBES**
[54] **APPAREILLAGE ET PROCEDES DE PRODUCTION DE RADIOISOTOPES DANS DES TUBES D'INSTRUMENTATION DE REACTEUR NUCLEAIRE**
[72] RUSSELL, WILLIAM EARL, II, US
[72] MONETTA, CHRISTOPHER J., US
[72] SMITH, DAVID GREY, US
[72] STACHOWSKI, RUSSELL EDWARD, US
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[54] **HEPATOCYTE GROWTH FACTOR (HGF) BINDING PROTEINS**
[54] **PROTEINES DE LIAISON AU FACTEUR DE CROISSANCE DES CELLULES HEPATIQUES (HGF)**
[72] WINSTON, WILLIAM M., US
[72] WRIGHT, S. KIRK, US
[72] HAN, MAY, US
[72] BREAULT, LYNE, US
[72] LIN, JIE, US
[72] ETEMAD-GILBERTSON, BIJAN, US
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[54] **GRANULE AND PREPARATION METHOD THEREOF**
[54] **GRANULE ET SON PROCEDE DE PREPARATION**
[72] ZHANG, SHUNNAN, CN
[72] YANG, JIANHUI, CN
[72] DONG, LINA, CN
[72] ZHANG, HONGBO, CN
[72] BAI, XIAOLIN, CN
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[54] **APPAREIL D'EMBOLISATION CONSTRUIT EN POLYMERE EXPANSIBLE**
[72] CRUISE, GREGORY M., US
[72] CONSTANT, MICHAEL J., US
[72] TRAN, TERRANCE, US
[73] MICROVENTION, INC., US
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[54] **CATHETER AVEC BOUT A ORIFICES MULTIPLES POUR EVALUATION OPTIQUE DE LESIONS**
[72] SHARAREH, SHIVA, US
[72] GARCIA, ARIEL, US
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[54] **COMPOSITIONS COMPRISING NKT CELL AGONIST COMPOUNDS AND METHODS OF USE**
[54] **COMPOSITIONS COMPRENANT DES COMPOSES AGONISTES DES CELLULES NKT ET PROCEDES D'UTILISATION**
[72] TEYTON, LUC, US
[72] BENDELAC, ALBERT, US
[72] SAVAGE, PAUL B., US
[73] THE SCRIPPS RESEARCH INSTITUTE, US
[73] THE UNIVERSITY OF CHICAGO, US
[73] BRIGHAM YOUNG UNIVERSITY, US
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[54] **OXO-SUBSTITUTED IMIDAZO[1,2B]PYRIDAZINES, THEIR PREPARATION AND USE AS PHARMACEUTICALS**
[54] **IMIDAZO¬1,2,B|PYRIDAZINES SUBSTITUEES PAR UN RADICAL OXO, LEUR PREPARATION ET LEUR UTILISATION COMME COMPOSES PHARMACEUTIQUES**
[72] PRIEN, OLAF, DE
[72] EIS, KNUT, DE
[72] BADER, BENJAMIN, DE
[72] GUENTHER, JUDITH, DE
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[54] **CROSSLINKABLE COMPOSITIONS, THERMOPLASTIC ELASTOMERS OBTAINABLE THEREFROM AND THEIR USE**
[54] **COMPOSITIONS RETICULABLES, ELASTOMERES THERMOPLASTIQUES RESULTANTS ET LEUR UTILISATION**
[72] VARNHORN, KAY, DE
[72] MERTINKAT, JORG, DE
[73] LANXESS DEUTSCHLAND GMBH, DE
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[54] **OUTIL D'ESSAI ET PROCEDE D'ESSAI DE COMPOSANT TUBULAIRE**
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[73] STATS (UK) LIMITED, GB
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[54] **APPARATUS AND METHOD FOR PERFORMING ENROLLMENT OF USER BIOMETRIC INFORMATION**
[54] **APPAREIL ET PROCEDE PERMETTANT D'EFFECTUER L'INSCRIPTION D'INFORMATIONS BIOMETRIQUES D'UN UTILISATEUR**
[72] YUKHIN, ARTIOM, US
[72] KLIMOV, ANDREY, RU
[72] SUHOVEY, SERGEY, RU
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[54] **DISPOSITIF ET METHODE DE DEPOSE DE TRONCONS TUBULAIRES**
[72] SEYMOUR, MICHAEL J., US
[73] THE BABCOCK & WILCOX COMPANY, US
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[54] **PHYSIOLOGICAL SENSOR SYSTEM WITH AUTOMATIC AUTHENTICATION AND VALIDATION BY MEANS OF A RADIO FREQUENCY IDENTIFICATION PROTOCOL WITH AN INTEGRATED RFID INTERROGATOR SYSTEM**
[54] **DISPOSITIF DE CAPTEUR PHYSIOLOGIQUE PERMETTANT L'AUTHENTIFICATION ET LA VALIDATION AUTOMATIQUES AU MOYEN D'UN PROTOCOLE D'IDENTIFICATION PAR RADIOFREQUENCE DOTE D'UN DISPOSITIF D'INTERROGATION RFID INTEGRE**
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[72] CHAMOUN, NASSIB G., US
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[54] **COORDINATION DE MULTIPLES CELLULES POUR DES SERVICES DE DIFFUSION-MULTIDIFFUSION MULTIMEDIA DANS UN SYSTEME DE COMMUNICATION SANS FIL**
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[54] **PROCEDE POUR PRODUIRE DES SONDES D'ACIDE NUCLEIQUE**
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[73] VENTANA MEDICAL SYSTEMS, INC., US
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[54] **A PROCESS FOR THE TREATMENT OF GAS PHASE ALKALINE CHLORIDES IN A COMBUSTION PLANT, COMBUSTION PLANT FOR CARRYING OUT THE PROCESS, AND THE USE OF A PHOSPHOROUS SUBSTANCE FOR THE TREATMENT OF GAS PHASE ALKALINE CHLORIDES IN A COMBUSTION PLANT**
[54] **UN PROCEDE DE TRAITEMENT DE CHLORURES ALCALINS EN PHASE GAZEUSE DANS UNE INSTALLATION DE COMBUSTION, INSTALLATION DE COMBUSTION POUR METTRE EN OEUVRE CE PROCEDE, UTILISATION D'UNESUBSTANCE PHOSPHOREE POUR LE TRAITEMENT DE CHLORURES ALCALINS EN PHASE GAZEUSE DANS UNE INSTALLATION DE COMBUSTION**
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[72] BERG, MAGNUS, SE
[73] VATTENFALL AB, SE
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[54] **SYSTEME ET PROCEDE D'ETIQUETAGE PAR CODES-BARRES DE FORMATS MULTIPLES**
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[73] BECTON, DICKINSON AND COMPANY, US
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[54] **DISPOSITIF DE PRODUCTION D'INFORMATION**
[72] YOSHIDA, KENJI, JP
[73] IP SOLUTIONS, INC., JP
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[86] 2007-09-04 (PCT/JP2007/067555)
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[54] **HUMANIZED ANTI-CD19 ANTIBODIES AND THEIR USE IN TREATMENT OF ONCOLOGY, TRANSPLANTATION AND AUTOIMMUNE DISEASE**
[54] **ANTICORPS ANTI-CD19 HUMANISES, ET LEUR UTILISATION DANS LE TRAITEMENT DE L'ONCOLOGIE, DE LA TRANSPLANTATION ET DE LA MALADIE AUTO-IMMUNE**
[72] DAMSCHRODER, MELISSA, US
[72] KIENER, PETER, US
[72] WU, HERREN, US
[72] DALL'ACQUA, WILLIAM, US
[72] HERBST, RONALD, US
[72] COYLE, ANTHONY, US
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[54] **METHOD AND SYSTEM FOR DETERMINING AUDIENCE RESPONSE TO A SENSORY STIMULUS**
[54] **PROCEDE ET SYSTEME PERMETTANT DE DETERMINER LA REPONSE D'UN PUBLIC A UN STIMULUS SENSORIEL**
[72] MARCI, CARL D., US
[72] LEVINE, BRIAN, US
[73] THE NIELSEN COMPANY (US), LLC, US
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[54] **EVAPORATEUR/CALCINATEUR**
[72] FRANKLIN, KENNETH JAMES, CA
[72] KETTNER, ANDREW DONALD, CA
[72] JESSUP, HOWARD CHARLES, JR., CA
[72] HILDEBRANDT, BRUCE WAYNE, CA
[73] ATOMIC ENERGY OF CANADA LIMITED, CA
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[54] **ENHANCED CONTENT SHARING FRAMEWORK**
[54] **CADRICIEL D'ECHANGE DE CONTENU AMELIORE**
[72] CAPUOZZO, GIUSEPPE, IT
[72] BORGHINI, MARCO, IT
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[86] (2665230)
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[54] **ELEMENT CHAUFFANT**
[72] VON WACHENFELDT, FREDRIK, SE
[72] MORTENSON, PER-GORAN MIKAEL, SE
[72] NYBERG, GUNNAR, SE
[72] NILSSON, LARS-OVE, SE
[72] SJOESTRAND JOACHIM, SE
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[54] **A METHOD AND APPARATUS HAVING IMPROVED HANDLING OF STATE TRANSITIONS**
[54] **METHODE ET APPAREIL PRESENTANT UN TRAITEMENT AMELIORE DES TRANSITIONS D'ETAT**
[72] FARNSWORTH, ANDREW, GB
[72] CHAKRABORTY, SUPRATIM, GB
[73] BLACKBERRY LIMITED, CA
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[54] **SYSTEME D'ADMINISTRATION DE LUMIERE**
[72] BARNARD, WILLIAM LOUIS, US
[72] CHEN, JAMES C., US
[72] SHINE, DAVID B., US
[72] DAHM, JONATHAN S., US
[72] HEACOCK, GREGORY L., US
[73] EURO-CELTIQUE S.A., LU
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[54] **METHOD FOR PRODUCING PEROXYMONOSULFURIC ACID AND APPARATUS FOR CONTINUOUSLY PRODUCING PEROXYMONOSULFURIC ACID**
[54] **METHODE DE PRODUCTION D'ACIDE PEROXYSULFURIQUE ET APPAREIL DE PRODUCTION CONTINUE D'ACIDE PEROXYSULFURIQUE**
[72] YOSHIDA, KIYOSHI, JP
[72] KOSHITSUKA, TETSUO, JP
[72] TSUYUKI, KAORU, JP
[72] UESUGI, WAKANA, JP
[73] MITSUBISHI GAS CHEMICAL COMPANY, INC., JP
[85] 2009-04-14
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[54] **SYNTHETIC PEPTIDE AMIDES AND DIMERS THEREOF**
[54] **AMIDES PEPTIDIQUES SYNTHETIQUES ET DIMERES DE CES AMIDES**
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[54] **SYSTEME ET PROCEDE DE PREVISION DE LA PROPAGATION MONDIALE D'AGENTS INFECTIEUX VIA UN VOYAGE AERIEN COMMERCIAL**
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[72] GENSURE, ROBERT C., US
[72] PONNAPAKKAM, TULASI, US
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[72] PURNHAGEN, HEIKO, SE
[72] RESCH, BARBARA, SE
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[54] **APPARATUS AND METHOD FOR INCREASING ALCOHOL YIELD FROM GRAIN**
[54] **APPAREIL ET PROCEDE PERMETTANT D'AUGMENTER LE RENDEMENT DES CEREALES EN ALCOOL**
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[54] **METHODE DE REMISE EN ETAT D'UN TUYAU**
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[54] **PALIER CYLINDRIQUE POUR APPAREIL REDUCTEUR DE PRESSION ET METHODE CONNEXE**
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[72] SZEWCZYK, JANAH C., US
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[72] SIMON, KAY, DE
[72] HEIDEMANN, DIRK, DE
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[54] **DISPOSITIF DE STATION DE BASE, DISPOSITIF DE STATION MOBILE, SYSTEME DE COMMUNICATION SANS FIL, PROGRAMME, PROCEDE D'EMISSION DE REPONSE D'ACCES ALEATOIRE, ET PROCEDE DE RECEPTIONDE REPONSE D'ACCES ALEATOIRE**
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[54] **SYSTEME ET METHODE PERMETTANT L'ESTIMATION DE DEGAGEMENT ENTRE DEUX OBJETS**
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[72] HASZ, WAYNE CHARLES, US
[72] ANDARAWIS, EMAD ANDARAWIS, US
[72] CHAN, DAVID SO KEUNG, US
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[72] STURNIOLO, EMIL, US
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[54] **METHOD AND TOOL FOR EXPANDING A PIPE END**
[54] **PROCEDE ET OUTIL POUR ELARGIR UNE EXTREMITE DE TUYAU**
[72] SCHRAMM, ERVIN WILLY, SE
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[54] **DISPOSITIF DE SECURITE ET PROCEDE**
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[72] WHITEMAN, ROBERT, GB
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[54] **METHOD FOR APPLYING A REINFORCED COMPOSITE MATERIAL TO A STRUCTURAL MEMBER**
[54] **PROCEDE PERMETTANT L'APPLICATION D'UN MATERIAU COMPOSITE RENFORCE A UN ELEMENT STRUCTUREL**
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[72] KLIGER, ROBERT, SE
[72] HAGHANI, REZA, SE
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[54] **NUTRITION AVEC UNE BIFIDOBACTERIE NON VIABLE ET UN OLIGOSACCHARIDE NON DIGERABLE**
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[72] GARSSEN, JOHAN, NL
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[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DE COMPTE DE PAIEMENT**
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[73] EARLY WARNING SERVICES, LLC, US
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[54] **VEHICLE DIAGNOSTIC TOOL WITH COPY PROTECTION AND AUTOMATIC IDENTIFICATION OF VEHICLE ECUS AND FAULT DISPLAY**
[54] **OUTIL DIAGNOSTIQUE POUR VEHICULE AVEC PROTECTION CONTRE LA COPIE ET IDENTIFICATION AUTOMATIQUE D'UNITES DE COMMANDE ELECTRONIQUE DE VEHICULE ET SYSTEME DE VISUALISATION DE DEFAUT**
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[72] LAFERLE, MICHAEL D., US
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[54] **METHODE DE DIAGNOSTIC ET/OU DE PRONOSTIC D'UN CANCER VESICAL**
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[72] MENGUAL BRICHS, LOURDES, ES
[72] BURSET ALBAREDA, MOISES, ES
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[73] ENOVATE SYSTEMS LIMITED, GB
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[54] **METHODE, SYSTEME ET APPAREIL MOBILE PERMETTANT DE METTRE EN OEUVRE UN SYSTEME DE PRESENCE SANS SERVEUR**
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[72] BROWN, MICHAEL S., CA
[73] BLACKBERRY LIMITED, CA
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[72] ZACCARIA, PATRICK, FR
[72] ALEXANDRE, MATTHIEU, FR
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[54] **PROCEDE DESTINE A FOURNIR L'ETAT D'UN JOUEUR ET LA CAPACITE DE SE JOINDRE A DES JEUX**
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[72] STOUFFER, TRISHA EILEEN, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **RONDELLE DESTINEE A ETRE UTILISEE AVEC UN INSTRUMENT DE POSE D'AGRAFES CHIRURGICALES**
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[72] HESS, CHRISTOPHER J., US
[72] WELLS, LAWRENCE E., JR., US
[72] SIEBENALER, DOUGLAS J., US
[72] HUITEMA, THOMAS W., US
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[54] **PROCEDE ET APPAREIL DE TEST DE SEMENCE**
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[72] MEYER, TIMOTHY RAYMOND, US
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[72] FEREY, GERARD, FR
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[72] GREF, RUXANDRA, FR
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[54] **PROCEDE DE TRAITEMENT DE LA MALADIE DE GAUCHER**
[72] BLANCHARD, JAN E., CA
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[72] ELWORTHY, TODD RICHARD, US
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[72] FORREST, GREGORY GORDON, CA
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[54] **PROCEDE DE RECYCLAGE DE L'ISOLATION EN MOUSSE RETICULEE UTILISEE POUR ISOLER LES CAVITES DE DISPOSITIFS NECESSITANT UNE ISOLATION THERMIQUE**
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[54] **ANTENNE A REFLECTEUR A FLEXIBILITE DE COUVERTURE ET DE FREQUENCE ET SATELLITE COMPORTANT UNE TELLE ANTENNE**
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[72] BOSSHARD, PIERRE, FR
[72] DEPEYRE, SERGE, FR
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[54] **FILET POUR AQUACULTURE COMPORTANT DES FILS D'ACIER A HAUTE RESISTANCE A LA TRACTION**
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[73] NV BEKAERT SA, BE
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[54] **FILET POUR AQUACULTURE AVEC FOND POLYGONAL**
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[54] **ACCESSOIRE D'ENTRETOISEMENT POUR LE DOUBLAGE D'UNE PAROI, COMPORTANT DES MACHOIRES DE PINCEMENT D'UNE MEMBRANE ET DISPOSITIF DE DOUBLAGE DE PAROI COMPORTANT UN TEL ACCESSOIRE**
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[54] **REACTOR FOR THE CONTINUOUS PRODUCTION OF CHARCOAL**
[54] **REACTEUR POUR LA PRODUCTION CONTINUE DE CHARBON DE BOIS**
[72] FERREIRA DE MELO, VAMBERTO, BR
[72] JARDIM RAAD, TULIO, BR
[72] MANTUANO NETTO, ROMERO, BR
[72] BORDET, HENRI, FR
[72] BORDET, REMI, FR
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[54] **LISTE DE DIFFUSION ELARGIE POUR LECTEUR VIDEO DE TELEVISION**
[72] YI, HYEHOON, US
[73] SONY CORPORATION, JP
[73] SONY ELECTRONICS INC., US
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[54] **AZABICYCLIC CARBOXAMIDE DERIVATIVES, PREPARATION THEREOF AND THERAPEUTIC USE THEREOF**
[54] **DERIVES DE CARBOXAMIDES N-AZABICYCLIQUES, LEUR PREPARATION ET LEUR APPLICATION EN THERAPEUTIQUE**
[72] DUBOIS, LAURENT, FR
[72] EVANNO, YANNICK, FR
[72] LECLERC, ODILE, FR
[72] MALANDA, ANDRE, FR
[73] SANOFI-AVENTIS, FR
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[54] **METHOD AND DEVICE FOR MEASURING THE TEMPERATURE OF A HOT SPOT IN AN OIL-CONTAINING ELECTRIC APPARATUS**
[54] **METHODE ET DISPOSITIF POUR MESURER LA TEMPERATURE DU POINT CHAUD DANS UN APPAREIL ELECTRIQUE CONTENANT DE L'HUILE**
[72] COUTURE, PIERRE, CA
[72] DUVAL, MICHEL, CA
[73] HYDRO-QUEBEC, CA
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[25] FR
[54] **DERIVATIVES OF INDOLE 2-CARBOXAMIDES AND AZAINDOLE 2-CARBOXAMIDES SUBSTITUTED BY A SILANYLE GROUP, PREPARATION THEREOF AND THERAPEUTIC USE THEREOF**
[54] **DERIVES D'INDOLE 2-CARBOXAMIDES ET D'AZAINDOLE 2-CARBOXAMIDES SUBSTITUES PAR UN GROUPE SILANYLE, LEUR PREPARATION ET LEUR APPLICATION EN THERAPEUTIQUE**
[72] DUBOIS, LAURENT, FR
[72] EVANNO, YANNICK, FR
[72] MALANDA, ANDRE, FR
[73] SANOFI-AVENTIS, FR
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[54] **SEMICONDUCTOR STACK ASSEMBLY HAVING REDUCED THERMAL SPREADING RESISTANCE AND METHODS OF MAKING SAME**
[54] **ENSEMBLE EMPILEMENT SEMI-CONDUCTEUR AYANT UNE RESISTANCE DE DIFFUSION THERMIQUE REDUITE ET SES PROCEDES DE FABRICATION**
[72] RAHMAN, ARIFUR, US
[73] XILINX, INC., US
[85] 2010-07-23
[86] 2009-02-20 (PCT/US2009/034721)
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[54] **MOBILE WIRELESS COMMUNICATIONS DEVICE WITH RESET FUNCTIONS AND RELATED METHODS**
[54] **APPAREIL DE COMMUNICATION SANS FIL MOBILE AVEC FONCTIONS DE REINITIALISATION ET METHODES CONNEXES**
[72] WILSON, MATTHEW IAIN, CA
[73] BLACKBERRY LIMITED, CA
[86] (2714243)
[87] (2714243)
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[54] **MEMBRANE SEPARATION METHOD FOR SEPARATING HIGH BOILER DURING THE PRODUCTION OF 1,3-DIOXOLANE-2-ONES**
[54] **PROCEDE DE SEPARATION MEMBRANAIRE POUR SEPARER LES PRODUITS A HAUT POINT D'EBULLITION LORS DE LA PRODUCTION DE 1,3-DIOXOLAN-2-ONES**
[72] BIRNBACH, STEFAN, DE
[72] KLINK, HANS, DE
[72] MUGRAUER, HANS-MARTIN, DE
[72] VOSS, HARTWIG, DE
[73] BASF SE, DE
[85] 2010-08-11
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[54] **METHOD FOR SEPARATING ZINC, IRON, CALCIUM, COPPER AND MANGANESE FROM THE AQUEOUS SOLUTIONS OF COBALT AND/OR NICKEL**
[54] **PROCEDE POUR SEPARER LE ZINC, LE FER, LE CALCIUM, LE CUIVRE ET LE MANGANESE DES SOLUTIONS AQUEUSES DE COBALT ET/OU DE NICKEL**
[72] LINDELL, ESA, FI
[72] LUOMA, RAUNO, FI
[72] OJA, ARJA, FI
[73] NORILSK NICKEL HARJAVALTA OY, FI
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[54] **SGK1 INHIBITORS FOR THE PROPHYLAXIS AND/OR THERAPY OF VIRAL DISEASES AND/OR CARCINOMAS**
[54] **INHIBITEURS DE SGK1 UTILISES POUR LA PROPHYLAXIE ET/OU LA THERAPIE D'INFECTIONS VIRALES ET/OU DE CARCINOMES**
[72] FUCHSS, THOMAS, DE
[72] GERICKE, ROLF, DE
[72] BEIER, NORBERT, DE
[72] LANG, FLORIAN, DE
[72] LANG, PHILIPP, DE
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[73] MERCK PATENT GMBH, DE
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[54] **FIRE ALARM SYSTEM TRANSMITTER**
[54] **TRANSMETTEUR DE DISPOSITIF D'ALARME D'INCENDIE**
[72] MIZUKAMI, AKIRA, JP
[73] NOHMI BOSAI LTD., JP
[86] (2715833)
[87] (2715833)
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[25] EN
[54] **SYSTEMS AND METHODS FOR SURGICAL REMOVAL OF TISSUE**
[54] **SYSTEMES D'ABLATION CHIRURGICALE DE TISSU**
[72] SHADECK, LOUIS M., US
[73] MEDTRONIC XOMED, INC., US
[85] 2010-08-23
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[51] **Int.Cl. F01K 7/22 (2006.01) F01K 23/00 (2006.01)**
[25] EN
[54] **METHOD FOR GENERATING ENERGY BY MEANS OF THERMAL CYCLES WITH HIGH PRESSURE AND MODERATE TEMPERATURE STEAM**
[54] **PROCEDE POUR GENERER DE L'ENERGIE AU MOYEN DE CYCLES THERMIQUES A VAPEUR DE PRESSION ELEVEE ET TEMPERATURE MODEREE**
[72] MENENDEZ SALCEDO, JOSE MARIA, ES
[72] ANGULO ARAMBURU, JERONIMO, ES
[73] SENER INGENIERIA Y SISTEMAS, S.A., ES
[85] 2010-08-24
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[54] **BLOW MOLDED CONTAINER AND PROCESS FOR MOLDING THE SAME**
[54] **RECIPIENT MOULE PAR SOUFFLAGE ET SON PROCEDE DE MOULAGE**
[72] KUROSAWA, TAKAO, JP
[73] YOSHINO KOGYOSHO CO., LTD., JP
[85] 2010-08-27
[86] 2009-02-27 (PCT/JP2009/053771)
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[54] **CONTROL FOR A POWERED SURGICAL INSTRUMENT**
[54] **COMMANDE POUR INSTRUMENT CHIRURGICAL MOTORISE**
[72] SHADECK, LOUIS M., US
[72] MULLICK, VIRKRAM, US
[72] LUEDI, MANFRED, US
[73] MEDTRONIC XOMED, INC., US
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[54] **ROTATABLE ULTRASONIC DENTAL TOOL**
[54] **OUTIL DENTAIRE ROTATIF A ULTRASONS**
[72] FANI, PEJMAN, US
[72] RAYBUCK, JOHN, US
[72] GERSH, MARK, US
[73] DEN-MAT HOLDINGS, LLC, US
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[25] EN
[54] **HETEROARYL-SUBSTITUTED DICYANOPYRIDINES AND USE THEREOF FOR TREATMENT OF CARDIOVASCULAR DISEASES**
[54] **DICYANOPYRIDINES SUBSTITUEES PAR HETEROARYLE ET LEUR UTILISATION DANS LE TRAITEMENT DES MALADIES CARDIOVASCULAIRES**
[72] MEIBOM, DANIEL, DE
[72] VAKALOPOULOS, ALEXANDROS, DE
[72] ALBRECHT-KUEPPER, BARBARA, DE
[72] ZIMMERMANN, KATJA, DE
[72] NELL, PETER, DE
[72] SUESSMEIER, FRANK, DE
[73] BAYER INTELLECTUAL PROPERTY GMBH, DE
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[25] EN
[54] **MICROORGANISM PRODUCING CYCLIC COMPOUND**
[54] **MICROORGANISME PRODUISANT UN COMPOSE CYCLIQUE**
[72] NAKAMURA, IKUKO, JP
[72] YOSHIKAWA, KOJI, JP
[72] MASAKI, TERUHISA, JP
[72] KANASAKI, RYUICHI, JP
[72] SHAHAB, NEELAM, MY
[73] ASTELLAS PHARMA INC., JP
[73] SIRIM, BERHAD, MY
[73] TROPBIO RESEARCH SDN.BHD, MY
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[25] EN
[54] **INFLATABLE FLUID CONDUIT PLUG**
[54] **OBTURATEUR GONFLABLE POUR CONDUIT DE FLUIDE**
[72] PARRAN, SHACHAR, CA
[72] REEM, GAD, CA
[72] D'SOUZA, SAVIO, CA
[73] CHEMIGREEN INC., CA
[86] (2718637)
[87] (2718637)
[22] 2008-06-30
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[54] **FIBRIN FOAM AND PROCESS FOR MAKING**
[54] **MOUSSE FIBRINE ET PROCEDE DE FABRICATION**
[72] DELMOTTE, YVES A., BE
[73] BAXTER INTERNATIONAL INC., US
[73] BAXTER HEALTHCARE S.A., CH
[85] 2010-09-23
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[54] **SYSTEMS AND METHODS FOR CLOSING A TISSUE OPENING**
[54] **SYSTEMES ET PROCEDES DE FERMETURE D'UNE OUVERTURE MENAGEE DANS UN TISSU**
[72] RISKIN, DANIEL J., US
[72] FOX, ANDREW D., US
[72] BARENBOYM, MICHAEL, US
[73] DERMACLIP INTERNATIONAL, LTD., VG
[85] 2010-09-29
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[25] EN
[54] **NEUTRALIZING PROPROTEIN CONVERTASE SUBTILISIN KEXIN TYPE 9 (PCSK9) VARIANTS AND USES THEREOF**
[54] **VARIANTS NEUTRALISANTS DE LA PROPROTEINE CONVERTASE SUBTILISINE/KEXINE DE TYPE 9 (PCSK9) ET SES APPLICATIONS**
[72] JACKSON, SIMON MARK, US
[72] PIPER, DEREK EVAN, US
[73] AMGEN INC., US
[85] 2010-10-05
[86] 2009-02-20 (PCT/US2009/034775)
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[30] US (61/125,304) 2008-04-23

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[25] EN
[54] **PROCYANIDIN EXTRACTS OF CINNAMON, LITCHI AND ARACHIS USEFUL IN THE TREATMENT OF RETROVIRAL INFECTIONS**
[54] **EXTRAITS DE PROCYANIDINE ISSUS DE LA CANNELLE, DES LITCHIS ET DES ARACHIDES UTILES DANS LE TRAITEMENT D'INFECTIONS RETROVIRALES**
[72] BHASKARAN, SUNIL, IN
[72] VISHWARAMAN, MOHAN, IN
[73] INDUS BIOTECH PRIVATE LIMITED, IN
[85] 2010-11-19
[86] 2009-09-23 (PCT/IN2009/000519)
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[25] EN
[54] **BIO-BATTERY WITH ENHANCED YIELD**
[54] **BIOPILE A RENDEMENT AMELIORE**
[72] PELLISSIER, AYMERIC, FR
[72] GONDRAN, CHANTAL, FR
[72] LENOUVEL, FRANCOIS, FR
[72] CINQUIN, PHILIPPE, FR
[72] COSNIER, SERGE, FR
[72] MATHE, STEPHANE, FR
[73] UNIVERSITE JOSEPH FOURIER, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[73] INSTITUT NATIONAL DES SCIENCES APPLIQUEES DE TOULOUSE, FR
[85] 2010-10-08
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[25] EN
[54] **METHODS AND SYSTEMS FOR MIXING REACTOR FEED**
[54] **PROCEDES ET SYSTEMES DE MELANGE DE CHARGE DE REACTEUR**
[72] GUO, CLIFF YI, US
[72] STEVENSON, JOHN SAUNDERS, US
[72] DAVIS, DUSTIN WAYNE, US
[72] AVAGLIANO, AARON JOHN, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2010-10-21
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[25] EN
[54] **1-ARYL-3-AMINOALKOXY-PYRAZOLES AS SIGMA LIGANDS ENHANCING ANALGESIC EFFECTS OF OPIOIDS AND ATTENUATING THE DEPENDENCY THEREOF**
[54] **1-ARYL-3-AMINO-ALCOXYPYRAZOLES COMME LIGANDS DE SIGMA AUGMENTANT L'EFFET ANALGESIQUE D'OPIOIDES ET ATTENUANT LA DEPENDANCE A CEUX-CI**
[72] BUSCHMANN, HELMUT HEINRICH, DE
[72] VELA-HERNANDEZ, JOSE MIGUEL, ES
[72] ZAMANILLO-CASTANEDO, DANIEL, ES
[73] LABORATORIOS DEL DR. ESTEVE, S.A., ES
[85] 2010-10-22
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[25] FR
[54] **SELF-ATTACHING TAPE FOR RETAINING AND COMPRESSION, PARTICULARLY FOR COMPRESSION STOCKING**
[54] **BANDE AUTO-FIXANTE DE MAINTIEN ET DE CONTENTION NOTAMMENT POUR BAS DE CONTENTION**
[72] MATHIEU, FLORENCE, FR
[72] ROMUALD, GAETAN, FR
[73] GANZONI & CIE AG, CH
[85] 2010-10-22
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[30] FR (0852909) 2008-04-30

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[13] C
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[25] EN
[54] **POLYALKYLENE GLYCOL LUBRICANT COMPOSITION**
[54] **COMPOSITION DE LUBRIFIANT A BASE DE POLYALKYLENEGLYCOL**
[72] THOEN, JOHAN, BE
[72] WOYDT, MATHIAS, DE
[72] ZWEIFEL, DANIEL, CH
[73] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2010-10-25
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[25] EN
[54] **INDAZOLE COMPOUNDS AS CCR1 RECEPTOR ANTAGONISTS**
[54] **COMPOSES INDAZOLE COMME ANTAGONISTES DES RECEPTEURS CCR1**
[72] DISALVO, DARREN, US
[72] KUZMICH, DANIEL, US
[72] MAO, CAN, US
[72] RAZAVI, HOSSEIN, US
[72] SARKO, CHRISTOPHER, US
[72] SWINAMER, ALAN DAVID, US
[72] THOMSON, DAVID, US
[72] ZHANG, QIANG, US
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
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[72] BERNDT, MATHIAS, DE
[72] FRIEBE, MATTHIAS, DE
[72] SCHMITT-WILLICH, HERIBERT, DE
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[72] MATSUYAMA, TAKAHIRO, JP
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[73] MELLANOX TECHNOLOGIES SILICON PHOTONICS INC., US
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[54] **ENSEMBLE DE RETUBAGE DE REACTEUR NUCLEAIRE**
[72] LANCASTER, LORRIE J., CA
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[73] GE-HITACHI NUCLEAR ENERGY CANADA INC., CA
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[72] BELL, ROBERT B., US
[72] MCNICHOL, JOHN J., US
[72] WOLF, JOSEPH K., US
[72] CONNELLY, J. MICHAEL, US
[72] KEHS, VINCENT, US
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[54] **COMPOSITION D'ENCRE, COMPOSITION D'ENCRE POUR L'IMPRESSION PAR JET D'ENCRE, JEU D'ENCRES, CARTOUCHE D'ENCRE, PROCEDE D'IMPRESSION PAR JET D'ENCRE ET SUPPORT IMPRIME**
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[72] TATEISHI, KEIICHI, JP
[72] OZAWA, TAKASHI, JP
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[72] HILL, DALE, US
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[72] ONORATO, SHAUN, US
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[54] **NOVEL CATECHOL DERIVATIVE, PHARMACEUTICAL COMPOSITION CONTAINING THE SAME, USE OF THE CATECHOL DERIVATIVE, AND USE OF THE PHARMACEUTICAL COMPOSITION**
[54] **NOUVEAU DERIVE DU CATECHOL, COMPOSITION PHARMACEUTIQUE CONTENANT CELUI-CI, UTILISATION DU DERIVE DU CATECHOL ET UTILISATION DE LA COMPOSITION PHARMACEUTIQUE**
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[72] KOBAYASHI, SATOKO, JP
[72] INOUE, HITOSHI, JP
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[72] YOSHIDA, MASAKO, JP
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[73] SPHELAR POWER CORPORATION, JP
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[54] **PROCEDE ET UNITE POUR LA RECUPERATION DE SOLVANT DANS DES RESIDUS DILUES DANS UN SOLVANT, PROVENANT DU TRAITEMENT DE LA MOUSSE DE BITUME**
[72] DUERR, RYAN, CA
[72] VAN DER MERWE, SHAWN, CA
[72] HANN, TOM, CA
[73] FORT HILLS ENERGY L.P., CA
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[72] KUO, THAUMING, US
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[54] **PLATEFORME POUR GENERER DE L'ELECTRICITE A PARTIR D'UN FLUIDE EN ECOULEMENT A L'AIDE D'UNE TURBINE GLOBALEMENT ALLONGEE**
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[54] **RESOLUTION ENANTIOMERIQUE DE 1,3-OXATHIOLANE NUCLEOSIDES 2,4-DISUBSTITUES**
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[72] LACOSTE, JEAN-ERIC, CA
[72] SIMION, DAN (DECEASED), CA
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[54] **APPAREIL TRIPHASE DE MESURE D'ENERGIE ELECTRIQUE**
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[72] QU, QINGCHANG, CN
[73] NATIONAL INSTITUTE OF METROLOGY P. R.CHINA, CN
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[54] **PARTICULES DE PHOSPHATE DE ZIRCONIUM PRESENTANT UNE CAPACITE D'ADSORPTION AMELIOREE ET LEUR PROCEDE DE SYNTHESE**
[72] WONG, RAYMOND JUNE-HIN, US
[73] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
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[73] CATERPILLAR PROPULSION PRODUCTION AB, SE
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[54] **OUTIL AVEC ACCESSOIRE POUR LA COLLECTE DE DEBRIS ET METHODE D'UTILISATION CONNEXE**
[72] LEE, GORDON, CA
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[86] (2738165)
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[30] US (61/327,457) 2010-04-23

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[51] **Int.Cl. C04B 18/08 (2006.01) C04B 14/04 (2006.01) C04B 28/16 (2006.01)**
[25] EN
[54] **FLY ASH BASED LIGHTWEIGHT CEMENTITIOUS COMPOSITION WITH HIGH COMPRESSIVE STRENGTH AND FAST SET**
[54] **COMPOSITION CIMENTAIRE LEGERE A BASE DE CENDRE VOLANTE PRESENTANT UNE RESISTANCE ELEVEE A LA COMPRESSION ET UNE PRISE RAPIDE**
[72] PEREZ-PENA, MARIANELA, US
[73] UNITED STATES GYPSUM COMPANY, US
[85] 2011-03-24
[86] 2009-09-10 (PCT/US2009/056493)
[87] (WO2010/036512)
[30] US (12/237,634) 2008-09-25

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[51] **Int.Cl. H04B 3/04 (2006.01) H02J 1/00 (2006.01) H02J 4/00 (2006.01)**
[25] EN
[54] **CONFIGURING CABLE LINES TO PROVIDE DATA AND POWER**
[54] **CONFIGURATION DES LIGNES DE CABLES POUR FOURNIR DES DONNEES ET DE L'ELECTRICITE**
[72] KING, BENJAMIN JOHN, US
[73] BLACKBERRY LIMITED, CA
[86] (2738532)
[87] (2738532)
[22] 2011-04-29
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[51] **Int.Cl. H02J 3/01 (2006.01) H02M 1/44 (2007.01)**
[25] EN
[54] **ADAPTIVE GENERATION AND CONTROL OF ARBITRARY ELECTRICAL WAVEFORMS IN A GRID-TIED POWER CONVERSION SYSTEM**
[54] **GENERATION ET COMMANDE ADAPTATIVE DE FORMES D'ONDES ELECTRIQUES ARBITRAIRES DANS UN SYSTEME DE CONVERSION D'ENERGIE RACCORDE AU RESEAU**
[72] MARRONE, FRANK P., US
[72] MCKINLEY, ARNOLD F., US
[72] HORTON, FRED C., US
[72] WESTBROOK, WILLIAM B., JR., US
[72] KLEMM, JOSEPH M., US
[72] BULLEN, M. JAMIE, US
[72] MATAN, STEFAN, US
[73] XSLENT ENERGY TECHNOLOGIES, LLC, US
[85] 2011-03-25
[86] 2009-09-25 (PCT/US2009/058492)
[87] (WO2010/036974)
[30] US (61/100,628) 2008-09-26
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[51] **Int.Cl. E21B 36/00 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **SKIN EFFECT HEATING SYSTEM HAVING IMPROVED HEAT TRANSFER AND WIRE SUPPORT CHARACTERISTICS**
[54] **SYSTEME DE CHAUFFAGE A EFFET PELLICULAIRE PRESENTANT UN TRANSFERT DE CHALEUR AMELIORE ET DES CARACTERISTIQUES DE SUPPORT DE FIL AMELIOREES**
[72] PARMAN, DAVID G., US
[73] PENTAIR THERMAL MANAGEMENT LLC, US
[85] 2011-03-28
[86] 2008-09-23 (PCT/US2008/077347)
[87] (WO2009/042575)
[30] US (60/975,196) 2007-09-26

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[13] C
[51] **Int.Cl. G01R 19/25 (2006.01) G01R 15/08 (2006.01) G01R 15/14 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DYNAMIC SIGNAL SWITCHING OF A MERGING UNIT IN AN ELECTRICAL POWER SYSTEM**
[54] **PROCEDE ET APPAREIL POUR UNE COMMUTATION DE SIGNAL DYNAMIQUE D'UNE UNITE DE FUSION DANS UN SYSTEME D'ALIMENTATION ELECTRIQUE**
[72] RICHARDS, SIMON, GB
[73] AREVA T&D UK LTD, GB
[85] 2011-04-05
[86] 2008-10-09 (PCT/EP2008/063547)
[87] (WO2010/040409)

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[13] C
[51] **Int.Cl. A61M 5/00 (2006.01)**
[25] EN
[54] **DEVICES AND ASSEMBLIES FOR CONTROLLING FLUID FLOW**
[54] **DISPOSITIFS ET ENSEMBLES DE REGULATION DE L'ECOULEMENT D'UN FLUIDE**
[72] STROUP, DAVID K., US
[73] INFUSION INNOVATIONS, INC., US
[85] 2011-04-05
[86] 2008-10-17 (PCT/US2008/080375)
[87] (WO2009/052433)
[30] US (60/981,233) 2007-10-19

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[51] **Int.Cl. F16C 23/06 (2006.01) F16C 35/073 (2006.01) F16J 15/43 (2006.01)**
[25] EN
[54] **MAGNETIC FLUID SEAL WITH CENTERING OF BEARING AND SHAFT BY COMPRESSIBLE MEMBER**
[54] **JOINT D'ETANCHEITE MAGNETIQUE AVEC CENTRAGE DE PALIER ET D'ARBRE PAR ELEMENT COMPRESSIBLE**
[72] MAHONEY, DAVID G., US
[72] HELGELAND, WALTER, US
[73] RIGAKU INNOVATIVE TECHNOLOGIES, INC., US
[85] 2011-04-06
[86] 2009-10-08 (PCT/US2009/060000)
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[51] **Int.Cl. C08K 7/22 (2006.01) C09D 183/04 (2006.01)**
[25] EN
[54] **STAIN RESISTANT PARTICLES**
[54] **PARTICULES ANTITACHE**
[72] ARFSTEN, NANNING JOERG, DE
[72] BUSKENS, PASCAL JOZEF PAUL, NL
[73] DSM IP ASSETS B.V., NL
[85] 2011-04-13
[86] 2009-10-14 (PCT/EP2009/063419)
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[51] **Int.Cl. B65G 59/00 (2006.01) A47F 1/06 (2006.01) B65H 3/28 (2006.01)**
[25] EN
[54] **INTERACTIVE MANUAL CUP DISPENSER**
[54] **DISTRIBUTEUR DE GOBELETS MANUEL INTERACTIF**
[72] TAYLOR, LOREN, US
[72] DOOLEY, CHRISTOPHER P., US
[72] NIELSEN, PAUL S. (DECEASED), US
[73] PRODUCT SPRING, LLC, US
[73] TAYLORED CONCEPTS, LLC, US
[85] 2011-04-21
[86] 2009-10-23 (PCT/US2009/061861)
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[25] EN
[54] **UBIQUITIN SPECIFIC PROTEASES RESPONSIBLE FOR MCL-1 STABILITY AND USES THEREOF**
[54] **PROTEASES SPECIFIQUES DE L'UBIQUITINE, RESPONSABLES DE LA STABILITE DE MCL-1, ET LEURS UTILISATIONS**
[72] GENESTE, OLIVIER, FR
[72] HICKMAN, JOHN, FR
[72] COLLAND, FREDERIC, FR
[72] DAVIET, LAURENT, FR
[73] LES LABORATOIRES SERVIER, FR
[73] HYBRIGENICS, FR
[85] 2011-04-27
[86] 2009-10-29 (PCT/IB2009/007458)
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[30] EP (08291017.5) 2008-10-30

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[51] **Int.Cl. F16H 55/06 (2006.01) F03D 15/00 (2016.01) F03D 7/02 (2006.01) F16C 33/04 (2006.01) F16C 33/62 (2006.01)**
[25] EN
[54] **GEAR SET, WIND TURBINE INCORPORATING SUCH A GEAR SET AND METHOD OF SERVICING A WIND TURBINE**
[54] **TRAIN D'ENGRENAGES, EOLIENNE INCORPORANT UN TEL TRAIN D'ENGRENAGES ET METHODE D'ENTRETIEN D'UNE EOLIENNE**
[72] MASHUE, AARON JOHN, US
[72] MOORE, BRADLEY GRAHAM, US
[72] GOODWIN, KURT, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2741933)
[87] (2741933)
[22] 2011-06-02
[30] US (12/815,910) 2010-06-15

[11] **2,743,011**
[13] C
[51] **Int.Cl. B63B 21/50 (2006.01) B63B 35/44 (2006.01) E21B 17/01 (2006.01)**
[25] FR
[54] **FACILITY FOR USING FLUID IN A STRETCH OF WATER, AND ASSOCIATED ASSEMBLY METHOD**
[54] **INSTALLATION D'EXPLOITATION DE FLUIDE DANS UNE ETENDUE D'EAU, ET PROCEDE DE MONTAGE ASSOCIE**
[72] MALEK, SAMI, FR
[73] TECHNIP FRANCE, FR
[85] 2011-05-06
[86] 2009-11-09 (PCT/FR2009/052147)
[87] (WO2010/052438)
[30] FR (0857627) 2008-11-10

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[13] C
[51] **Int.Cl. A61K 38/05 (2006.01) A61K 31/55 (2006.01) A61P 9/04 (2006.01)**
[25] FR
[54] **USE OF A COMBINATION OF AN INHIBITOR OF THE IF CURRENT OF THE SINUS NODE AND AN INHIBITOR OF THE ANGIOTENSIN CONVERTING ENZYME FOR THE TREATMENT OF HEART FAILURE**
[54] **UTILISATION DE L`ASSOCIATION D`UN INHIBITEUR DU COURANT IF SINUSAL ET D`UN INHIBITEUR DE L`ENZYME DE CONVERSION DE L`ANGIOTENSINE POUR LE TRAITEMENT DE L`INSUFFISANCE CARDIAQUE**
[72] THUILLEZ, CHRISTIAN, FR
[72] MULDER, PAULUS, FR
[72] VILAINE, JEAN-PAUL, FR
[72] FRATACCI, MARIE-DOMINIQUE, FR
[72] LEREBOURS-PIGEONNIERE, GUY, FR
[72] FELDMANN, LUC, FR
[72] ROUSSEL, JEROME, FR
[73] LES LABORATOIRES SERVIER, FR
[86] (2743527)
[87] (2743527)
[22] 2011-06-10
[30] FR (10/02525) 2010-06-15

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[13] C
[51] **Int.Cl. H04W 72/12 (2009.01) H04W 24/10 (2009.01)**
[25] EN
[54] **SCHEDULING TRANSMISSION OF DATA AT A BASE STATION BASED ON AN INTERFERENCE INDICATOR MESSAGE FROM ANOTHER BASE STATION**
[54] **PLANIFICATION DE LA TRANSMISSION DE DONNEES DANS UNE STATION DE BASE SELON UN MESSAGE D'INDICATION D'INTERFERENCES EN PROVENANCE D'UNE AUTRE STATION DE BASE**
[72] BOUDREAU, GARY, CA
[72] GUO, NING, CA
[72] PARSONS,ERIC, CA
[72] FILIATRAULT, CHARLES, CA
[73] APPLE INC., US
[85] 2011-06-01
[86] 2010-01-29 (PCT/IB2010/000182)
[87] (WO2010/086734)
[30] US (61/148,223) 2009-01-29

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[13] C
[51] **Int.Cl. E06B 5/00 (2006.01) E04F 19/08 (2006.01)**
[25] EN
[54] **FRAMELESS ACCESS PANEL**
[54] **PANNEAU D'ACCES SANS CHARPENTE**
[72] DE DOMENICO, FABIO GIOVANNI, CA
[73] ACCESS PANELS INC., CA
[86] (2747254)
[87] (2747254)
[22] 2011-07-25
[30] US (61/426,859) 2010-12-23
[30] CA (2,726,951) 2011-01-06
[30] US (13/189,017) 2011-07-22

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[51] **Int.Cl. A61B 17/03 (2006.01) A61B 17/12 (2006.01)**
[25] EN
[54] **STYPTIC DEVICE**
[54] **DISPOSITIF STYPTIQUE**
[72] BERTRAND, OLIVIER, CA
[72] BUI, BAO, CA
[72] GENDRON, RICHARD, CA
[73] BENRIKAL SERVICES INC., CA
[85] 2011-06-13
[86] 2009-12-17 (PCT/CA2009/001827)
[87] (WO2010/069053)
[30] US (61/193,697) 2008-12-17

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[13] C
[51] **Int.Cl. C10M 133/16 (2006.01) C07D 207/40 (2006.01) C10M 133/56 (2006.01)**
[25] EN
[54] **LUBRICATING OIL ADDITIVES COMPRISING POST-TREATED SUCCINIC DERIVATIVES**
[54] **ADDITIFS D'HUILE LUBRIFIANTE RENFERMANT DES DERIVES SUCCINIQUES POST TRAITES**
[72] RUHE, WILLIAM R., JR., US
[73] CHEVRON ORONITE COMPANY LLC, US
[85] 2011-06-20
[86] 2009-12-15 (PCT/US2009/068101)
[87] (WO2010/075103)
[30] US (12/341,410) 2008-12-22

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[51] **Int.Cl. B65D 88/52 (2006.01) B60S 5/00 (2006.01) B65D 5/36 (2006.01) B65D 5/40 (2006.01) B65D 37/00 (2006.01) B65D 88/16 (2006.01) B65D 90/24 (2006.01) F16N 31/00 (2006.01)**
[25] EN
[54] **FLUID CONTAINMENT APPARATUS**
[54] **APPAREIL DE CONFINEMENT DE FLUIDE**
[72] BEAK, TODD, US
[72] JOHNSON, KURT, US
[72] DOOLIN, DAVID, US
[72] GUFFEE, RUSSELL J., US
[72] VAN ROMER, EDWARD W., US
[73] BASIC CONCEPTS, INC., US
[86] (2748109)
[87] (2748109)
[22] 2011-08-09
[30] US (13/017,685) 2011-01-31

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[13] C
[51] **Int.Cl. C07D 235/14 (2006.01) A61K 31/4184 (2006.01) A61K 31/437 (2006.01) A61K 31/4439 (2006.01) A61K 31/454 (2006.01) A61K 31/496 (2006.01) A61K 31/5377 (2006.01) A61P 13/00 (2006.01) A61P 19/02 (2006.01) A61P 25/00 (2006.01) A61P 25/04 (2006.01) A61P 43/00 (2006.01) C07D 401/04 (2006.01) C07D 403/06 (2006.01) C07D 403/12 (2006.01) C07D 405/04 (2006.01) C07D 405/06 (2006.01) C07D 405/14 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **BICYCLIC HETEROCYCLIC COMPOUND FOR USE AS A SENSORY NEURON SPECIFIC SODIUM CHANNEL INHIBITOR**
[54] **COMPOSE HETEROCYCLIQUE BICYCLIQUE POUR UTILISATION EN TANT QU'INHIBITEUR DES CANAUX SODIUM SPECIFIQUES AUX NEURONES SENSORIELS**
[72] TSUBOI, KATSUNORI, JP
[72] YAMAI, YUSUKE, JP
[72] WATANABE, HITOSHI, JP
[72] KINOSHITA, HIRONORI, JP
[73] SUMITOMO DAINIPPON PHARMA CO., LTD., JP
[85] 2011-06-23
[86] 2009-12-25 (PCT/JP2009/071529)
[87] (WO2010/074193)
[30] JP (2008-332796) 2008-12-26

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[51] **Int.Cl. C07D 231/18 (2006.01) A61K 31/415 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **SULFONAMIDE COMPOUNDS FOR THE TREATMENT OF RESPIRATORY DISORDERS**
[54] **COMPOSES DE SULFONAMIDE POUR LE TRAITEMENT DE TROUBLES RESPIRATOIRES**
[72] RAMDOS, VIDYA, IN
[72] FINCH, HARRY, GB
[72] FOX, CRAIG, GB
[73] PULMAGEN THERAPEUTICS (INFLAMMATION) LIMITED, GB
[85] 2011-06-27
[86] 2009-12-23 (PCT/GB2009/002951)
[87] (WO2010/076553)
[30] IN (3324/CHE/2008) 2008-12-30

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[13] C
[51] **Int.Cl. A23L 2/52 (2006.01)**
[25] EN
[54] **APPARATUS FOR DISPENSING MADE-TO-ORDER FROZEN BEVERAGE**
[54] **APPAREIL DE DISTRIBUTION DE BOISSON GLACEE PREPAREE SUR COMMANDE**
[72] KLIER, NIRI, IL
[72] GRANOT, BOAZ, IL
[73] NICEVEND LTD., IL
[85] 2011-07-18
[86] 2010-01-19 (PCT/IB2010/050234)
[87] (WO2010/082185)
[30] US (61/145,660) 2009-01-19
[30] US (61/164,488) 2009-03-30

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[13] C
[51] **Int.Cl. H04B 7/14 (2006.01) H04W 72/12 (2009.01) H04L 27/26 (2006.01)**
[25] EN
[54] **METHOD FOR ALLOCATING BACKHAUL LINK RESOURCES IN RELAY COMMUNICATION SYSTEM, AND METHOD & APPARATUS FOR TRANSMITTING & RECEIVING DATA USING SAME**
[54] **PROCEDE D'ATTRIBUTION DE RESSOURCES DE LIAISON TERRESTRE DANS UN SYSTEME DE COMMUNICATION DE RELAIS, ET PROCEDE ET APPAREIL DE TRANSMISSION ET DE RECEPTION DE DONNEES A L'AIDE DUDIT PROCEDE**
[72] SEO, HAN-BYUL, KR
[72] KIM, BYOUNG-HOON, KR
[72] KIM, KI-JUN, KR
[72] KIM, HAK-SEONG, KR
[73] LG ELECTRONICS INC., KR
[85] 2011-07-27
[86] 2010-02-09 (PCT/KR2010/000795)
[87] (WO2010/090497)
[30] US (61/151,147) 2009-02-09
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[25] EN
[54] **HESPERIDIN-CONTAINING COMPOSITION**
[54] **COMPOSITION CONTENANT DE L'HESPERIDINE**
[72] SONO, RYOHEI, JP
[73] SUNSTAR INC., JP
[85] 2011-08-02
[86] 2010-02-03 (PCT/JP2010/051540)
[87] (WO2010/090236)
[30] JP (2009-023016) 2009-02-03

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[51] **Int.Cl. H04W 76/06 (2009.01)**
[25] EN
[54] **INDICATION OF UPLINK SEMI-PERSISTENT SCHEDULING EXPLICIT RELEASE USING A DOWNLINK PHYSICAL DOWNLINK CONTROL CHANNEL**
[54] **INDICATION DE LIBERATION EXPLICITE A PROGRAMMATION SEMI-PERSISTANTE DE LIAISON MONTANTE UTILISANT UN CANAL DE COMMANDE PHYSIQUE DE LIAISON DESCENDANTE**
[72] CAI, ZHIJUN, US
[72] YU, YI, US
[72] BURBIDGE, RICHARD CHARLES, GB
[73] BLACKBERRY LIMITED, CA
[85] 2011-08-02
[86] 2010-02-02 (PCT/US2010/022914)
[87] (WO2010/088680)
[30] US (61/149,060) 2009-02-02

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[13] C
[51] **Int.Cl. H04N 7/167 (2011.01) H04L 9/00 (2006.01)**
[25] EN
[54] **METHOD TO UPGRADE CONTENT ENCRYPTION**
[54] **PROCEDE DE MISE A NIVEAU DE CRYPTAGE DE CONTENU**
[72] CANDELORE, BRANT L., US
[73] SONY CORPORATION, JP
[73] SONY ELECTRONICS INC., US
[85] 2011-08-16
[86] 2010-03-22 (PCT/US2010/028146)
[87] (WO2010/111182)
[30] US (61/163,254) 2009-03-25
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[13] C
[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **RADIO COMMUNICATION SYSTEM, BASE STATION APPARATUS, MOBILE STATION APPARATUS, RADIO COMMUNICATION METHOD, AND PROGRAM**
[54] **SYSTEME DE COMMUNICATION SANS FIL, DISPOSITIF DE STATION DE BASE, DISPOSITIF DE STATION MOBILE ET PROCEDE ET PROGRAMME DE COMMUNICATION SANS FIL**
[72] SUZUKI, SHOICHI, JP
[72] YAMADA, SHOHEI, JP
[72] NAKASHIMA, DAIICHIRO, JP
[73] SHARP KABUSHIKI KAISHA, JP
[85] 2011-08-17
[86] 2010-02-22 (PCT/JP2010/052639)
[87] (WO2010/098289)
[30] JP (2009-040337) 2009-02-24

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[51] **Int.Cl. H04W 4/00 (2009.01) H04L 12/16 (2006.01)**
[25] EN
[54] **METHOD, APPARATUS AND SYSTEM FOR MANAGING COMMUNICATIONS BETWEEN A COMPUTING DEVICE AND A CLIENT MACHINE**
[54] **PROCEDE, APPAREIL ET SYSTEME SERVANT A GERER LES COMMUNICATIONS ENTRE UN DISPOSITIF DE CALCUL ET UN ORDINATEUR CLIENT**
[72] WILLIS, EDWARD, CA
[72] AL-ASAAED, ENNIS, CA
[72] CLOUGH, MICHAEL IAN, CA
[72] CHARRIER, CEDRIC, CA
[72] TYHURST, TIMOTHY RICHARD, CA
[72] DOS SANTOS, GEORGE, CA
[72] BOUDREAU, SEAN DEREK, CA
[72] RISTOVSKI, ALEKSANDAR, CA
[73] BLACKBERRY LIMITED, CA
[73] 2236008 ONTARIO INC., CA
[86] (2753093)
[87] (2753093)
[22] 2011-09-26
[30] US (61/386,781) 2010-09-27
[30] EP (11176655.6) 2011-08-05

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[13] C
[51] **Int.Cl. H04L 12/803 (2013.01) H04L 12/24 (2006.01)**
[25] EN
[54] **SMART ROUTING**
[54] **ROUTAGE INTELLIGENT**
[72] LEV, BOAZ, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2011-08-29
[86] 2010-03-26 (PCT/US2010/028935)
[87] (WO2010/117689)
[30] US (12/413,607) 2009-03-30

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[51] **Int.Cl. G01N 27/83 (2006.01) G01L 1/00 (2006.01) G01N 27/82 (2006.01) G01R 33/12 (2006.01)**
[25] EN
[54] **ENVIRONMENTAL DAMAGE SENSOR**
[54] **DETECTEUR DE DOMMAGES DUS A L'ENVIRONNEMENT**
[72] FORSYTH, DAVID SEAN, US
[73] TEXAS RESEARCH INTERNATIONAL, INC., US
[85] 2011-09-01
[86] 2009-03-18 (PCT/US2009/001690)
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[51] **Int.Cl. C12N 15/10 (2006.01)**
[25] EN
[54] **METHODS FOR CLONING AND MANIPULATING GENOMES**
[54] **PROCEDES DE CLONAGE ET DE MANIPULATION DE GENOMES**
[72] BENDERS, GWYNEDD A., US
[72] GLASS, JOHN I., US
[72] HUTCHISON, CLYDE A., US
[72] LARTIGUE, CAROLE, FR
[72] VASHEE, SANJAY, US
[72] ALGIRE, MIKKEL A., US
[72] SMITH, HAMILTON O., US
[72] MERRYMAN, CHARLES E., US
[72] NOSKOV, VLADIMIR N., US
[72] CHUANG, RAY-YUAN, US
[72] GIBSON, DANIEL G., US
[72] VENTER, J. CRAIG, US
[73] SYNTHETIC GENOMICS, INC., US
[85] 2011-09-01
[86] 2010-03-05 (PCT/US2010/026434)
[87] (WO2010/102257)
[30] US (61/158,320) 2009-03-06

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[54] **PROCEDE DE PRODUCTION D'UNE POUDRE D'UBIQUINONE POUR UNE UTILISATION DANS DES PREPARATIONS ET PRODUIT DE CELUI-CI**
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[54] **PROCEDES ET APPAREILS DIVERS POUR PLATEFORME DE DISTRIBUTION DE PUISSANCE INTEGREE**
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[72] MADISON, MAXINE JONES, US
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[54] **PROCEDE D'ELIMINATION DU MERCURE D'UN COURANT DE GAZ DE COMBUSTION ISSU DE LA COMBUSTION DU CHARBON ET MELANGE DE SORBANT**
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[54] **GENE APTE A CONFERER UNE RESISTANCE AU STRESS ENVIRONNEMENTAL A DES VEGETAUX ET METHODE D'UTILISATION ASSOCIEE**
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[54] **PRODUIT D'HYGIENE PERSONNELLE DE COMPOSITION MOUSSEUSE ET DISTRIBUTEUR DELIVRANT UNE MOUSSE**
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[72] LEWIS, ROBERT DRENNAN, US
[72] LUND, MARK THOMAS, US
[72] COLLIAS, DIMITRIS IOANNIS, US
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[73] THE PROCTER & GAMBLE COMPANY, US
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[73] JACKSON MSC LLC, US
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[54] **PROCEDE POUR NOTIFICATION DE PRESENCE SUR LA BASE D'UNE SEQUENCE D'EVENEMENTS**
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[72] AGULNIK, ANATOLY, US
[72] DROZT, PETER M., US
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[54] **DISPOSITIF DE MONTAGE POUR APPLIQUER UN MODULE DE PUCE RFID SUR UN SUBSTRAT, EN PARTICULIER UNE ETIQUETTE**
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[54] **COMPOSITIONS COMPRENANT DE LA LCAT MODIFIEE ET LEUR UTILISATION**
[72] KAYSER, FRANK, US
[72] LABELLE, MARC, US
[72] SHAN, BEI, US
[72] ZHANG, JIAN, US
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[54] **PROCEDE ET DISPOSITIF DE TRANSMISSION DE DONNEES DANS UN SYSTEME DE COMMUNICATION SANS FIL**
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[72] CHUNG, JAE HOON, KR
[72] HAN, SEUNG HEE, KR
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[54] **MOULE, PROCEDE DE FABRICATION D'UN MOULE ET PROCEDE DE FABRICATION D'UN PRODUIT EN MATIERE PLASTIQUE OU COMPOSITE AU MOYEN DE CE MOULE**
[72] WAECKERLE, THIERRY, FR
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[54] **PROCESSES FOR THE SYNTHESIS OF DIARYLTHIOHYDANTOIN AND DIARYLHYDANTOIN COMPOUNDS**
[54] **PROCEDES POUR LA SYNTHESE DE COMPOSES DIARYLTHIOHYDANTOINES ET DIARYLHYDANTOINES**
[72] JAIN, RAJENDRA PARASMAL, IN
[72] ANGELAUD, REMY, US
[72] THOMPSON, ANDREW, US
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[54] **PROCEDE ET APPAREIL PERMETTANT D'EFFECTUER UN TRANSFERT**
[72] KWON, HYUK-CHOON, KR
[72] JUN, HAE-YOUNG, KR
[72] KIM, HO-DONG, KR
[72] PARK, DONG-SEEK, KR
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[54] **ENSEMBLE DE MONTAGE DE MODULE PHOTOVOLTAIQUE**
[72] HADDOCK, ROBERT M. M., US
[72] HADDOCK, DUSTIN MARSHALL MARSTON, US
[73] HADDOCK, ROBERT M. M., US
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[54] **MOTEUR A ROTOR EXTERIEUR**
[72] ROJO LULIC, FRANCISCO, DE
[73] EBM-PAPST ST. GEORGEN GMBH & CO. KG, DE
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[54] **METHODS AND APPARATUS FOR POWER CONTROL**
[54] **METHODES ET APPAREIL DE COMMANDE DE PUISSANCE**
[72] MUHAMMAD, KHURRAM, US
[73] BLACKBERRY LIMITED, CA
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[54] **PROCEDE ET INSERT DE REPARATION POUR REPARER UNE STRUCTURE METALLIQUE**
[72] KRAL, RICHARD F., US
[72] MAYHILL, SHANE A., US
[72] WORKMAN, DAVID P., US
[73] HOLLAND, L.P., US
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[54] **METHODS OF PREPARING CARBONACEOUS MATERIAL**
[54] **PROCEDES DE PREPARATION D'UN MATERIAU CARBONE**
[72] MAO, ZHENHUA, US
[73] PYROTEK, INC., US
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[54] **EXPANDED CELL SEARCH AND SELECTION IN A MOBILE WIRELESS DEVICE**
[54] **RECHERCHE ETENDUE ET SELECTION DE CELLULE DANS UN DISPOSITIF SANS FIL MOBILE**
[72] RAMASAMY, VENKATASUBRAMANIAN, US
[72] DEIVASIGAMANI, GIRI PRASSAD, US
[73] APPLE INC., US
[85] 2012-10-02
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[54] **METHOD FOR OPERATING A COMBINED CYCLE POWER PLANT**
[54] **METHODE D'EXPLOITATION D'UNE CENTRALE ELECTRIQUE A CYCLE COMBINE**
[72] BROESAMLE, STEFAN EDUARD, CH
[72] RUCHTI, CHRISTOPH, CH
[73] ALSTOM TECHNOLOGY LTD, CH
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[54] **ATOMISEUR A GACHETTE**
[72] RICHARDSON, JAMES SAMUEL, GB
[72] LEFEBVRE, ROBIN, BE
[72] KLABBERS, VICTOR, BE
[72] GLASS, ELIZABETH JACKSON, US
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[54] **TITANIUM OXIDE AND ALUMINA ALKALI METAL COMPOSITIONS**
[54] **COMPOSITIONS DE METAL ALCALIN D'ALUMINE ET D'OXYDE DE TITANE**
[72] LEFENFELD, MICHAEL, US
[72] DYE, JAMES L., US
[73] SIGNA CHEMISTRY LLC, US
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[54] **SACHET A OUVERTURE FACILE**
[72] EDWARDS, EDUARD, US
[72] SAGEL, JOSEPH PAUL, US
[73] FRITO-LAY NORTH AMERICA, INC., US
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[54] **NOUVELLE ZEOLITE BETA CONTENANT DU METAL POUR LA REDUCTION DES NOX ET SES PROCEDES DE FABRICATION**
[72] LI, HONG-XIN, US
[72] CORMIER, WILLIAM E., US
[72] MODEN, BJORN, US
[73] PQ CORPORATION, US
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[54] **PROCESS FOR MANUFACTURING A STEEL TUBE FOR AIR BAGS**
[54] **PROCEDE DE PRODUCTION D'UN TUYAU EN ACIER POUR COUSSIN DE SECURITE GONFLABLE**
[72] KAWAMOTO, TAKUMA, JP
[72] ARAI, YUJI, JP
[72] TAKANO, TAKASHI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[73] AVDEL UK LIMITED, GB
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[54] **TAPIS DE CUISSON**
[72] FAN, HUA, US
[72] HARDY, ANNE B., FR
[72] POLLOCK, TIMOTHY P., US
[72] LIN, EPHRAIM, US
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[54] **CHAIR WITH TORSIONALLY SUPPORTED REAR PART**
[54] **CHAISE A PARTIE ARRIERE A SOUTIEN EN TORSION**
[72] PLIKAT, CLAUDIA, DE
[72] SCHMITZ, BURKHARD, DE
[72] ZWICK, CAROLA, DE
[72] ZWICK, ROLAND, DE
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[54] **DETECTEUR D'INCENDIE OPTIQUEMENT REDONDANT POUR REJET DE FAUSSE ALARME**
[72] HARCHANKO, JOHN, US
[73] KNOWFLAME, INC., US
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[54] **SYSTEM AND METHOD FOR PROVIDING HOLD-UP POWER TO A LOAD**
[54] **SYSTEME ET PROCEDE POUR FOURNIR UNE PUISSANCE DE RETENUE A UNE CHARGE**
[72] SCHMIDT, DENNIS E., US
[72] COGSDILL, LAWRENCE A., US
[73] HAMILTON SUNDSTRAND CORPORATION, US
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[72] BECKER, MARIELIES, DE
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[54] **SYNCHRONIZED CUTTING AND INJECTION SYSTEM AND METHOD**
[54] **SYSTEME DE COUPE ET D'INJECTION SYNCHRONISE ET SON PROCEDE**
[72] BORTONE, EUGENIO, US
[73] FRITO-LAY NORTH AMERICA, INC., US
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[54] **MISE EN PLACE D'UNE MATIERE PARTICULAIRE SOUS TERRE**
[72] HUGHES, TREVOR, GB
[72] BARMATOV, EVGENY, GB
[72] GEDDES, JILL, GB
[72] FULLER, MICHAEL, MY
[72] DROCHON, BRUNO, GB
[72] MAKARYCHEV-MIKHAILOV, SERGEY, RU
[73] SCHLUMBERGER CANADA LIMITED, CA
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[54] **SYSTEME DE SUSPENSION ARRIERE POUR CAPOT**
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[72] HITE, SCOTT D., US
[73] PACCAR INC, US
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[54] **MESURE DE LA RESISTANCE D'UN CONTACT DE COMMUTATION POUR UN DISJONCTEUR ELECTRIQUE**
[72] KLAPPER, ULRICH, AT
[73] OMICRON ELECTRONICS GMBH, AT
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[54] **ENGINEERED POLYPEPTIDE CONJUGATES AND METHODS FOR MAKING THEREOF USING TRANSGLUTAMINASE**
[54] **CONJUGUES DE POLYPEPTIDES OBTENUS PAR GENIE BIOLOGIQUE, ET PROCEDE DE FABRICATION CORRESPONDANTS AU MOYEN DE TRANSGLUTAMINASE**
[72] STROP, PAVEL, US
[72] DORYWALSKA, MAGDALENA GRAZYNA, US
[72] RAJPAL, ARVIND, US
[72] SHELTON, DAVID, US
[72] LIU, SHU-HUI, US
[72] PONS, JAUME, US
[72] DUSHIN, RUSSELL, US
[73] RINAT NEUROSCIENCE CORPORATION, US
[73] PFIZER INC., US
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[54] **PROTEINE CC10 HUMAINE RECOMBINANTE POUR TRAITEMENT DE LA GRIPPE**
[72] PILON, APRILE L., US
[72] BORGEAT, PIERRE, CA
[72] FLAMAND, LOUIS, CA
[73] THERABRON THERAPEUTICS, INC., US
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[54] **FURNITURE MEMBER POWERED HEADREST ROTATION AND RELEASE SYSTEM**
[54] **SYSTEME DE ROTATION ET DE DEBRAYAGE D'UN APPUIE-TETE MOTORISE D'UN ELEMENT DE MOBILIER**
[72] ADAMS, CHAD E., US
[72] LAPOINTE, LARRY P., US
[72] MARSHALL, RICHARD E., US
[72] HARWOOD, ERIC B., US
[72] COLE, EUGENE O, II, US
[73] LA-Z-BOY INCORPORATED, US
[85] 2013-04-10
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[54] **APPARATUS AND METHOD FOR TURBINE FLOW METER SENSOR ADJUSTMENT**
[54] **APPAREIL ET PROCEDE POUR LE REGLAGE DE CAPTEURS D'UN DEBITMETRE A TURBINE**
[72] MARTINEZ, MOISES, US
[72] LOGA, THOMAS H., US
[72] TULLOS, SHELDON, US
[72] JONES, ANTHONY, US
[72] ALMAZAN, RAUL, MX
[73] DANIEL MEASUREMENT AND CONTROL, INC., US
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[54] **COMPOSITION FOR CHEMICALLY MODIFYING THE INTERNAL REGION OF A HAIR SHAFT**
[54] **PROCEDE DE MODIFICATION CHIMIQUE DE LA REGION INTERNE D'UNE TIGE DE CHEVEU**
[72] FLOHR, ANDREAS, DE
[72] KRAUSE, THOMAS, DE
[72] LOIFENFELD, MARINA, DE
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **PILE AU LITHIUM-ION ET CHARGEUR ASSOCIE**
[72] LIU, YUN-ZHAO, CN
[73] GUANGDONG JETFAST PORTABLE LIGHTING CO., LTD., CN
[85] 2013-05-09
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[54] **WELLBORE SERVICING COMPOSITIONS COMPRISING A FLUID LOSS AGENT AND METHODS OF MAKING AND USING SAME**
[54] **COMPOSITIONS D'ENTRETIEN DE PUITS DE FORAGE COMPRENANT UN AGENT DE PERTE DE FLUIDE ET PROCEDES DE FABRICATION ET UTILISATION DE CELLES-CI**
[72] JOSEPH, TRISSA, IN
[72] CHAKRABORTY, PANKAJ PHANI, IN
[72] REDDY, B. RAGHAVA, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2013-05-13
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[54] **A PREFORM AND A MOLD STACK FOR PRODUCING THE PREFORM**
[54] **PREFORME ET PILE DE MOULES POUR LA PRODUCTION DE LA PREFORME**
[72] WITZ, JEAN-CHRISTOPHE, FR
[72] FISCH, RALF WALTER, DE
[73] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
[85] 2013-05-15
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[54] **PLIABLE-WALL AIR DUCTS WITH INTERNAL EXPANDING STRUCTURES**
[54] **CONDUITS D'AIR A PAROI SOUPLE COMPORTANT DES STRUCTURES A EXPANSION INTERNE**
[72] PINKALLA, CARY, US
[72] HEIM, FRANK, US
[72] GEBKE, KEVIN J., US
[72] KAUFMAN, NICHOLAS L., US
[72] NIEHAUS, WILLIAM A., US
[73] RITE-HITE HOLDING CORPORATION, US
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[25] EN
[54] **CAMOUFLAGE BRANDING SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE CAMOUFLAGE DE MARQUE**
[72] BENTLEY, JAMES K., US
[73] KROW INNOVATION, LLC, US
[86] (2818222)
[87] (2818222)
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[54] **MODULAR ELECTRICAL BUS SYSTEM**
[54] **SYSTEME DE BUS ELECTRIQUE MODULAIRE**
[72] DE CAROLIS, ENRICO, US
[72] ESKEW, JOHN F., US
[72] GIBSON, ADAM, US
[72] HUNDT, MICHAEL W., US
[73] NUMATICS, INCORPORATED, US
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[54] **SONDE DE VITRECTOMIE HYDRAULIQUE**
[72] AULD, JACK, US
[72] HUCULAK, JOHN, US
[73] ALCON RESEARCH, LTD., US
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[54] **COMPOSITION D'ALIMENTS POUR ANIMAUX DE COMPAGNIE**
[72] FRIESEN, KIM GENE, US
[72] YAMKA, RYAN, US
[72] PAETAU-ROBINSON, INKE, US
[73] HILL'S PET NUTRITION, INC., US
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[25] EN
[54] **USER INTERFACE FOR A REMOTE CONTROL DEVICE**
[54] **INTERFACE UTILISATEUR DESTINEE A UNE TELECOMMANDE**
[72] HUNT, NEIL D., US
[73] NETFLIX, INC., US
[85] 2013-05-31
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[25] EN
[54] **VARIABLE BIT VIDEO STREAMS FOR ADAPTIVE STREAMING**
[54] **FLUX VIDEO DE BITS VARIABLES POUR UNE DIFFUSION CONTINUE ADAPTATIVE**
[72] HUNT, NEIL D., US
[73] NETFLIX, INC., US
[85] 2013-05-31
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[54] **ENHANCED INTRA-PREDICTION CODING USING PLANAR REPRESENTATIONS**
[54] **CODAGE PREDICTIF INTRA AMELIORE UTILISANT DES REPRESENTATIONS PLANES**
[72] BOSSEN, FRANK JAN, US
[72] KANUMURI, SANDEEP, US
[73] NTT DOCOMO, INC., JP
[85] 2013-06-19
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[25] EN
[54] **VEHICLE DATA AND DRIVER ASSOCIATION FOR TRANSPORTATION MANAGEMENT**
[54] **ASSOCIATION DE DONNEES DE VEHICULE ET DE CONDUCTEUR POUR GESTION DE TRANSPORT**
[72] MOHN, CHARLES, US
[72] SEKULA, CHRISTOPHER A., CA
[72] KAKUMANU, SARAT, US
[72] TUTTLE, ODELL R., US
[72] FUGLEWICZ, DANIEL P., US
[72] ANDERSON, PETER S., US
[72] MARTIN, THOMAS J., JR., US
[73] XRS CORPORATION, US
[86] (2822993)
[87] (2822993)
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[30] US (61/682,004) 2012-08-10
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[54] **COLLABORATION MEETING MANAGEMENT IN A WEB-BASED INTERACTIVE MEETING FACILITY**
[54] **GESTION COLLABORATIVE DE REUNIONS DANS UNE FONCTIONNALITE DE REUNION INTERACTIVE PAR WEB**
[72] WHALIN, GREGORY P., US
[72] MEEKER, MATTHEW, US
[72] KAMALI, PETER, US
[72] HEIFERMAN, SCOTT, US
[73] MEETUP, INC., US
[85] 2013-06-27
[86] 2012-01-05 (PCT/US2012/020292)
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[25] EN
[54] **GLYCERIDES AND FATTY ACID MIXTURES AND METHODS OF USING SAME**
[54] **MELANGES DE GLYCERIDES ET D'ACIDES GRAS ET LEURS PROCEDES D'UTILISATION**
[72] TRAN, BO, US
[72] ERAYDIN, KEREM, US
[73] NALCO COMPANY, US
[85] 2013-06-27
[86] 2011-12-27 (PCT/US2011/067359)
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[51] **Int.Cl. G06F 17/22 (2006.01) G06F 17/21 (2006.01) G06K 9/20 (2006.01)**
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[54] **STORAGE OF A DOCUMENT USING MULTIPLE REPRESENTATIONS**
[54] **STOCKAGE D'UN DOCUMENT AU MOYEN DE REPRESENTATIONS MULTIPLES**
[72] MANSFIELD, PHILIP ANDREW, CA
[72] LEVY, MICHAEL ROBERT, CA
[73] APPLE INC., US
[85] 2013-06-27
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[54] **VASCULAR IMPLANT**
[54] **IMPLANT VASCULAIRE**
[72] BEN-MUVHAR, SHMUEL, IL
[73] NEOVASC MEDICAL LTD., IL
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[54] **CARTON WITH PRESSURE CONTROL FEATURE**
[54] **CARTON A DISPOSITIF DE REGULATION DE PRESSION**
[72] SINCLAIR, MARK, US
[72] WALSH, JOSEPH C., US
[73] GRAPHIC PACKAGING INTERNATIONAL, INC., US
[85] 2013-07-04
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[51] **Int.Cl. F16M 13/02 (2006.01) F16M 11/08 (2006.01)**
[25] EN
[54] **TABLET HOLDER AND TABLET STOWAGE SYSTEM**
[54] **PORTE-TABLETTE ET SYSTEME DE RANGEMENT DE TABLETTE**
[72] PENCE, TRACY N., US
[73] BE AEROSPACE INC., US
[85] 2013-07-11
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[25] EN
[54] **VARIABLE BIT VIDEO STREAMS FOR ADAPTIVE STREAMING**
[54] **FLUX VIDEO A BITS VARIABLES POUR DIFFUSION EN CONTINU ADAPTATIVE**
[72] HUNT, NEIL D., US
[73] NETFLIX, INC., US
[85] 2013-07-15
[86] 2012-01-20 (PCT/US2012/022103)
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[54] **CONTROL SYSTEM FOR A MATERIAL HANDLING APPLICATION**
[54] **SYSTEME DE COMMANDE POUR APPLICATION DE MANUTENTION**
[72] FISCHBACH, TAB, US
[72] DEN HARING, DAVID, US
[72] OLIVER, DAVID, US
[72] PATEL, JAGDISH, US
[72] SZILAGYI, MIKE, US
[72] WOLFF, SEBASTIEN, US
[72] HATCHETT, COREY, US
[73] ATRONIX ENGINEERING, INC., US
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[54] **ELECTRICAL CONNECTOR WITH MULTIPLE INTERFACES**
[54] **RACCORD ELECTRIQUE DOTE D'INTERFACES MULTIPLES**
[72] SIEBENS, LARRY NORMAN, US
[73] THOMAS & BETTS INTERNATIONAL, LLC, US
[86] (2825731)
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[25] EN
[54] **CAMERA ASSEMBLY FOR THE EXTRACTION OF IMAGE DEPTH DISCONTINUITY AND METHOD OF USE**
[54] **ENSEMBLE CAMERA POUR L'EXTRACTION D'UNE DISCONTINUITE DE PROFONDEUR D'IMAGE ET SON PROCEDE D'UTILISATION**
[72] KILIAN, KRZYSZTOF, US
[72] MAZUR, VLADIMIR, AU
[72] FAN, HONGYIN, AU
[73] LYNXRAIL CORPORATION, US
[85] 2013-07-26
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[54] **ADDITIVE FOR INCREASING TOUGHNESS OF MARBLE GLUE**
[54] **ADDITIF POUR AUGMENTER LA RESISTANCE DE COLLE A MARBRE**
[72] DU, KUNWEN, CN
[72] DU, KUNWU, CN
[73] WUHAN KEDA MARBLE PROTECTIVE MATERIALS CO., LTD., CN
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[54] **ROTOR POUR MACHINE ELECTRIQUE**
[72] HARTMANN, ULRICH, DE
[72] KNOP, CHRISTIAN, DE
[72] SCHWENGBER, ROBERT, DE
[72] TROGISCH, GORDON, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **SPECIMEN PROCESSING APPARATUS**
[54] **APPAREIL DE TRAITEMENT D'ECHANTILLON**
[72] ITOH, TERUAKI, JP
[73] AOI SEIKI CO., LTD., JP
[86] (2828382)
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[22] 2013-09-20
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[25] EN
[54] **METHOD AND SYSTEM OF DRILLING LATERALS IN SHALE FORMATIONS**
[54] **PROCEDE ET SYSTEME DE FORAGE DE GALERIES LATERALES DANS DES FORMATIONS SCHISTEUSES**
[72] LOGAN, RICHARD B., US
[72] INGRAM, STEPHEN R., US
[72] PAULK, MARTIN D., US
[72] RAJA, HAMAYUN Z., US
[73] LANDMARK GRAPHICS CORPORATION, US
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[54] **COMBINATION WEIGHER**
[54] **BALANCE DE COMBINAISON**
[72] KAWANISHI, SHOZO, JP
[72] NAGAO, TAKEYOSHI, JP
[72] KAWASHIMA, TAKAAKI, JP
[73] YAMATO SCALE CO., LTD., JP
[85] 2013-08-30
[86] 2011-06-02 (PCT/JP2011/003119)
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[30] JP (2011-070159) 2011-03-28

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[51] **Int.Cl. E21B 33/06 (2006.01)**
[25] EN
[54] **SEALING APPARATUS AND METHOD OF USING SAME**
[54] **APPAREIL D'ETANCHEISATION ET SON PROCEDE D'UTILISATION**
[72] CASTRIOTTA, SASCHA ANTONIO, US
[72] FRANKS, BRADFORD SHANE, US
[73] NATIONAL OILWELL VARCO, L.P., US
[85] 2013-09-03
[86] 2012-02-19 (PCT/US2012/025767)
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[30] US (61/450,965) 2011-03-09

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[51] **Int.Cl. B64C 27/59 (2006.01) B64C 27/72 (2006.01)**
[25] EN
[54] **APPARATUS, SYSTEM, AND METHOD FOR PITCHING AND TWISTING A BLADE OF A ROTORCRAFT**
[54] **APPAREIL, SYSTEME ET METHODE DE DETERMINATION DE PAS ET DE TORSION D'UNE LAME DE ROTOR**
[72] ZIENTEK, THOMAS A., US
[72] BIRCHETTE, TERRENCE S., US
[72] STRAUB, FRIEDRICH K., US
[73] THE BOEING COMPANY, US
[86] (2829106)
[87] (2829106)
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[51] **Int.Cl. H02K 3/46 (2006.01) H02K 55/04 (2006.01)**
[25] EN
[54] **APPARATUS TO SUPPORT SUPERCONDUCTING WINDINGS IN A ROTOR OF AN ELECTROMOTIVE MACHINE**
[54] **APPAREIL POUR SUPPORTER DES BOBINAGES SUPRACONDUCTEURS DANS UN ROTOR D'UNE MACHINE ELECTROMOTRICE**
[72] RICO, RAUL R., US
[72] MURPHY, ROBERT L., US
[73] SIEMENS ENERGY, INC., US
[85] 2013-09-11
[86] 2012-03-14 (PCT/US2012/028972)
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[30] US (61/452,726) 2011-03-15
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[54] **SYSTEME ET PROCEDE DE CONSTRUCTION DE STRUCTURES COMPOSITES**
[72] SUTTON, DREW, US
[72] VO, LOAN THANH, US
[72] STAMPS, FRANK BRADLEY, US
[72] PHILLIPS, NOLAN, US
[73] BELL HELICOPTER TEXTRON INC., US
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[54] **METHOD FOR ENHANCING OIL PRODUCTION FROM GRAIN**
[54] **PROCEDE POUR AMELIORER LA PRODUCTION D'HUILE A PARTIR DU GRAIN**
[72] KOZYUK, OLEG, US
[72] REIMERS, PETER, US
[73] ARISDYNE SYSTEMS, INC., US
[86] (2830276)
[87] (2830276)
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[54] **PROCESS FOR THE MANUFACTURE OF .ALPHA.,.ALPHA.-BRANCHED CARBOXYLIC ACID VINYL ESTERS**
[54] **PROCEDE POUR LA FABRICATION D'ESTERS VINYLIQUES D'ACIDE CARBOXYLIQUE ALPHA, ALPHA-RAMIFIE**
[72] HEYMANS, DENIS, BE
[73] HEXION INC., US
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[54] **SINGLE PHASE WHITENING DENTIFRICE COMPRISING A CROSS-LINKED POLYMER/PEROXIDE COMPLEX**
[54] **PATE DENTIFRICE DE BLANCHIMENT A PHASE UNIQUE COMPRENANT UN COMPLEXE POLYMERE/PEROXYDE RETICULE**
[72] CHOPRA, SUMAN K., US
[72] ZAIDEL, LYNETTE, US
[72] PRENCIPE, MICHAEL, US
[73] COLGATE-PALMOLIVE COMPANY, US
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[54] **OZONOLYSIS REACTIONS IN LIQUID CO2 AND CO2-EXPANDED SOLVENTS**
[54] **REACTIONS D'OZONOLYSE DANS DU CO<SB>2</SB> LIQUIDE ET DES SOLVANTS EXPANSES PAR DU CO<SB>2</SB>**
[72] SUBRAMANIAM, BALA, US
[72] BUSCH, DARYLE, US
[72] DANBY, ANDREW M., US
[72] BINDER, THOMAS P., US
[73] UNIVERSITY OF KANSAS, US
[73] ARCHER DANIELS MIDLAND COMPANY, US
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[72] WIE, JEAHYUK, KR
[72] KIM, YOUNGSOO, KR
[72] KIM, YANGHO, KR
[72] YANG, INGYU, KR
[73] LG ELECTRONICS INC., KR
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[54] **PROCESSES FOR MAKING CX-CY OLEFINS FROM C5 AND C6 PARAFFINS**
[54] **PROCEDES DE FABRICATION D'OLEFINES EN CX-CY A PARTIR DE PARAFFINES EN C5 ET C6**
[72] MAJUMDER, DEBARSHI, US
[72] SOHN, STEPHEN WAYNE, US
[72] GLOVER, BRYAN K., US
[72] BOZZANO, ANDREA G., US
[73] UOP LLC, US
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[54] **PROCESSES FOR PREPARING OF GLUCOPYRANOSYL-SUBSTITUTED BENZYL-BENZENE DERIVATIVES AND INTERMEDIATES THEREIN**
[54] **PROCEDES DE PREPARATION DE DERIVES DE BENZYLBENZENE A SUBSTITUTION GLUCOPYRANOSYL ET INTERMEDIAIRES OBTENUS SELON CES PROCEDES**
[72] ECKHARDT, MATTHIAS, DE
[72] HIMMELSBACH, FRANK, DE
[72] WANG, XIAO-JUN, US
[72] SUN, XIUFENG, US
[72] ZHANG, LI, US
[72] TANG, WENJUN, US
[72] KRISHNAMURTHY, DHILEEPKUMAR, US
[72] SENANAYAKE, CHRIS H., US
[72] HAN, ZHENGXU, US
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[54] **HEPARIN-BASED COMPOSITIONS AND METHODS FOR THE INHIBITION OF METASTASIS**
[54] **COMPOSITIONS A BASE D'HEPARINE ET METHODES D'INHIBITION DES METASTASES**
[72] OLIVA, EUGENE J., US
[73] OLIVA, EUGENE J., US
[85] 2013-11-18
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[25] EN
[54] **COMPOUNDS WITH OXIME ESTER AND/OR ACYL GROUPS**
[54] **COMPOSES AVEC DES GROUPES ESTER D'OXIME ET/OU ACYLE**
[72] NGUYEN, MY T., VN
[72] TREMBLAY-MORIN, JEAN-PHILIPE, CA
[72] GAUDREAULT, PHILIPPE, CA
[73] AMERICAN DYE SOURCE INC., CA
[85] 2013-11-20
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[54] **PAGES DEFINIES PAR UN UTILISATEUR POUR AERONEF**
[72] HUANG, CINDY CHI-LAN, US
[72] CAJAVILCA, EDUARDO RAUL, US
[73] THE BOEING COMPANY, US
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[54] **FLUOROPOLYMER BARRIER MATERIALS FOR CONTAINERS**
[54] **MATERIAUX BARRIERES DE POLYMERES FLUORES POUR CONTENANTS**
[72] ASHMEAD, EDGAR G., US
[72] GUNZEL, EDWARD C., US
[72] MORITZ, MICHAEL P., US
[73] W. L. GORE & ASSOCIATES, INC., US
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[54] **A COMPACT WAVEFRONT SENSOR MODULE AND ITS ATTACHMENT TO OR INTEGRATION WITH AN OPHTHALMIC INSTRUMENT**
[54] **MODULE CAPTEUR DE FRONT D'ONDE COMPACT ET SA FIXATION OU SON INTEGRATION A UN INSTRUMENT OPHTALMOLOGIQUE**
[72] ZHOU, YAN, US
[72] SHEA, WILLIAM, US
[73] CLARITY MEDICAL SYSTEMS, INC., US
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[54] **THROUGH TUBING EXPANDABLE FRAC SLEEVE WITH REMOVABLE BARRIER**
[54] **MANCHON DE FRACTURATION DILATABLE PASSANT DANS LE TUBAGE ET COMPORTANT UNE BARRIERE AMOVIBLE**
[72] KELBIE, GRAEME, US
[72] XU, RICHARD YINGQING, US
[72] ROSENBLATT, STEVE, US
[73] BAKER HUGHES INCOPRORATED, US
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[54] **DYNAMIC IMAGE COMPRESSION FOR IMAGING WHILE DRILLING APPLICATIONS**
[54] **COMPRESSION D'IMAGE DYNAMIQUE POUR DES APPLICATIONS D'IMAGERIE DURANT UN FORAGE**
[72] LE, TRUNG, DE
[72] HARTMANN, ANDREAS, DE
[73] BAKER HUGHES INCORPORATED, US
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[54] **APPARATUS, SYSTEMS AND METHODS FOR PRESENTING A SUMMARY OF A MEDIA CONTENT EVENT**
[54] **APPAREIL, SYSTEMES ET PROCEDES PERMETTANT DE PRESENTER UN RESUME D'UN EVENEMENT DE CONTENU MULTIMEDIA**
[72] KISHORE, NANDURY V., IN
[73] SLING MEDIA PVT LTD, IN
[85] 2013-12-03
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[54] **EARTH-BORING TOOLS INCLUDING RETRACTABLE PADS, CARTRIDGES INCLUDING RETRACTABLE PADS FOR SUCH TOOLS, AND RELATED METHODS**
[54] **OUTILS DE FORAGE COMPRENANT DES PATINS RETRACTABLES, CARTOUCHES COMPRENANT DES PATINS RETRACTABLES POUR DE TELS OUTILS ET PROCEDES ASSOCIES**
[72] OESTERBERG, MARCUS, US
[73] BAKER HUGHES INCOPRORATED, US
[85] 2013-12-06
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[25] EN
[54] **STRENGTHENING ELEMENT FOR A MOUNTING FLANGE OF A HOLLOW CYLINDRICAL INSULATOR HOUSING**
[54] **ELEMENT DE RENFORCEMENT POUR UNE BRIDE DE FIXATION D'UN LOGEMENT D'ISOLANT CYLINDRIQUE CREUX**
[72] KAMPE, ANDERS, SE
[72] JOHANSSON, DANIEL, SE
[72] EKEROTH REIJM, KERSTIN, SE
[73] ABB TECHNOLOGY AG, CH
[85] 2013-12-09
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[54] **MACHINE DE DENEIGEMENT**
[72] YAMAZAKI, NOBUO, JP
[73] HONDA MOTOR CO., LTD., JP
[86] (2838918)
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[54] **CELLULES PHOTO-CATALYTIQUES AMELIOREES**
[72] TUPMAN, DAVID E., US
[73] PURADIGM, LLC., US
[85] 2013-12-13
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[51] **Int.Cl. E21B 10/46 (2006.01) E21B 10/567 (2006.01)**
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[54] **CUTTING ELEMENTS FOR EARTH-BORING TOOLS, EARTH-BORING TOOLS INCLUDING SUCH CUTTING ELEMENTS, AND METHODS OF FORMING SUCH CUTTING ELEMENTS FOR EARTH-BORING TOOLS**
[54] **ELEMENTS DE COUPE POUR OUTILS DE FORAGE DE TERRE, OUTILS DE FORAGE DE TERRE COMPRENANT DE TELS ELEMENTS DE COUPE, ET PROCEDES DE FORMATION DE TELS ELEMENTS DE COUPE POUR OUTILS DE FORAGE DE TERRE**
[72] SCOTT, DANNY E., US
[72] MARVEL, TIMOTHY K., US
[72] KADIOGLU, YAVUZ, US
[72] WELLS, MICHAEL R., US
[73] BAKER HUGHES INCORPORATED, US
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[54] **ROBOTIC UNSCRAMBLER AND METHOD**
[54] **POSITIONNEUR ROBOTISE ET PROCEDE**
[72] BOURGEOIS, MARC RICHARD, US
[72] WILLIAMS, ROGER PHILLIP, US
[72] WERNER, JEFFREY KYLE, US
[72] KOLB, KUNIE, US
[73] THE PROCTOR & GAMBLE COMPANY, US
[85] 2013-12-17
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[54] **AN INVERT EMULSION DRILLING FLUID CONTAINING A HYGROSCOPIC LIQUID AND A POLYMERIC SUSPENDING AGENT**
[54] **FLUIDE DE FORAGE SOUS FORME D'EMULSION INVERSE CONTENANT UN LIQUIDE HYGROSCOPIQUE ET UN AGENT DE MISE EN SUSPENSION POLYMERE**
[72] WAGLE, VIKRANT B., IN
[72] MAGHRABI, SHADAAB S., IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **A METHOD IN AN ELECTRIC POWER SYSTEM, CONTROLLER, COMPUTER PROGRAMS, COMPUTER PROGRAM PRODUCTS AND ELECTRIC POWER SYSTEM**
[54] **PROCEDE UTILISE DANS UN SYSTEME D'ENERGIE ELECTRIQUE, DISPOSITIF DE COMMANDE, PROGRAMMES D'ORDINATEUR, PRODUITS PROGRAMMES D'ORDINATEUR ET SYSTEME D'ENERGIE ELECTRIQUE**
[72] LARSSON, TOMAS, SE
[72] RIVAS, RICHARD, SE
[72] THORBURN, STEFAN, SE
[72] HOLMBERG, MARGUERITE, SE
[73] ABB RESEARCH LTD, CH
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[54] **SPECTRUM SHARING BETWEEN AN AIRCRAFT-BASED AIR-TO-GROUND COMMUNICATION SYSTEM AND EXISTING GEOSTATIONARY SATELLITE SERVICES**
[54] **PARTAGE DE SPECTRE ENTRE UN SYSTEME DE COMMUNICATION AIR-SOL BASE DANS UN AERONEF ET DES SERVICES DE SATELLITES GEOSTATIONNAIRES EXISTANTS**
[72] CRUZ, JOSEPH M., US
[72] WALSH, PATRICK J., US
[72] TOBIN, JOSEPH A., US
[72] JOYCE, TIM, US
[72] LIU, YONG, US
[72] CHARI, ANAND K., US
[72] KOSTANIC, IVICA, US
[72] SAROKA, HAROLD G., US
[73] GOGO LLC, US
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[54] **CREMAILLERE REGLABLE**
[72] SHAW, WILLIAM, US
[73] MVP (HK) INDUSTRIES, INC., HK
[86] (2840633)
[87] (2840633)
[22] 2014-01-23
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[25] EN
[54] **SULFIDE SOLID ELECTROLYTE MATERIAL, LITHIUM SOLID-STATE BATTERY, AND METHOD FOR PRODUCING SULFIDE SOLID ELECTROLYTE MATERIAL**
[54] **MATERIAU ELECTROLYTE SOLIDE A BASE DE SULFURE, BATTERIE A L'ETAT SOLIDE AU LITHIUM ET PROCEDE DE FABRICATION D'UN MATERIAU ELECTROLYTE SOLIDE A BASE DE SULFURE**
[72] OHTOMO, TAKAMASA, JP
[72] KAWAMOTO, KOJI, JP
[72] HAMA, SHIGENORI, JP
[72] KATO, YUKI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[54] **MONITORING OF HIGH-LIFT SYSTEMS FOR AIRCRAFT**
[54] **SURVEILLANCE DE SYSTEMES HYPERSUSTENTATEURS POUR AVIONS**
[72] MOY, GEORGE, US
[72] PADILLA, PETER A., US
[73] THE BOEING COMPANY, US
[86] (2841729)
[87] (2841729)
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[54] **SPECTRAL GAMMA RAY LOGGING-WHILE-DRILLING SYSTEM**
[54] **SYSTEME DE DIAGRAPHIE EN COURS DE FORAGE UTILISANT LE SPECTRE DES RAYONS GAMMA**
[72] MICKAEL, MEDHAT, US
[72] JONES, DALE, US
[72] PHELPS, DONALD, US
[72] WRIGHT, JOHN, US
[73] WEATHERFORD CANADA PARTNERSHIP, CA
[86] (2842938)
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[22] 2005-02-16
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[25] EN
[54] **BUBBLE LIFT SYSTEM AND BUBBLE LIFT METHOD**
[54] **SYSTEME D'ALLEGEMENT AU GAZ ET PROCEDE D'ALLEGEMENT AU GAZ**
[72] NAKAMURA, TAKUJU, JP
[72] KAWASE, MASAKI, JP
[73] MODEC, INC., JP
[85] 2014-01-29
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[54] **PROCEDE ET APPAREIL A MOULER LE CHOCOLAT**
[72] SUTTLE, JAMES M., US
[72] GRAHAM, GEORGE, US
[72] CHISHOLM, KEITH A., US
[72] DEMARE, THOMAS, US
[72] BEAVERS, STEPHEN E., US
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[73] CROSSFOR CO.,LTD., JP
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[54] **POWER OVER ETHERNET METHOD, APPARATUS, DEVICE, AND SYSTEM**
[54] **SYSTEME, DISPOSITIF, APPAREIL ET PROCEDE D'ALIMENTATION SOUS ETHERNET**
[72] HUA, RUI, CN
[72] GU, YING, CN
[72] HE, ZHANGQING, CN
[72] YANG, JIANGUANG, CN
[72] CAO, TONGQIANG, CN
[72] HUANG, ANHU, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **SAW BLADE WITH FEED LIMITER**
[54] **LAME DE SCIE AVEC LIMITEUR D'ALIMENTATION**
[72] ELLISTON, ASIF, US
[72] KORB, WILLIAM B., US
[72] HAMPTON, STEPHEN A., US
[72] FOSBERG, DOUGLAS K., US
[72] KALOMERIS, CHARLES E., US
[73] IRWIN INDUSTRIAL TOOL COMPANY, US
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[54] **PERMEABLE ELECTRIC THERMAL RESISTOR FOIL FOR VAPORIZING FLUIDS FROM SINGLE-USE MOUTHPIECES WITH VAPORIZER MEMBRANES**
[54] **FILM PERMEABLE ELECTRIQUE A RESISTANCE CHAUFFANTE DESTINE A FAIRE S'EVAPORER DES LIQUIDES D'EMBOUTS BUCCAUX JETABLES A MEMBRANES EVAPORATRICES**
[72] RINKER, ARNO, DE
[72] LITZENBERGER, PHILIPP, DE
[73] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **METHOD AND APPARATUS FOR DETECTING OCCLUSIONS IN AN AMBULATORY INFUSION PUMP**
[54] **PROCEDE ET APPAREIL DE DETECTION D'OCCLUSIONS DANS UNE POMPE DE PERFUSION AMBULATOIRE**
[72] MOBERG, SHELDON B., US
[72] HANSON, IAN B., US
[72] TALBOT, CARY D., US
[73] MEDTRONIC MINIMED, INC., US
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[54] **METHOD FOR WELDING ROTORS FOR POWER GENERATION**
[54] **PROCEDE DE SOUDAGE DE ROTORS POUR PRODUCTION D'ENERGIE**
[72] KELLER, SORIN, CH
[72] BALBACH, WERNER MARTIN, CH
[72] GIORGI, GIANNI, CH
[72] KIEWEL, HOLGER, CH
[73] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
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[54] **IMPROVEMENT OF TIRE UNIFORMITY THROUGH IDENTIFICATION OF PROCESS HARMONICS USING RE-INDEXED PARTIAL UNIFORMITY WAVEFORMS**
[54] **AMELIORATION D'UNIFORMITE DE PNEU PAR IDENTIFICATION D'HARMONIQUES DE TRAITEMENT AU MOYEN DE FORMES D'ONDE D'UNIFORMITE PARTIELLES REINDEXEES**
[72] MAWBY, WILLIAM DAVID, US
[72] JETER, JIMMY, US
[72] SAULS, JONATHAN, US
[72] TRAYLOR, JAMES MICHAEL, US
[73] MICHELIN RECHERCHE ET TECHNIQUE, S.A., CH
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[54] **EXHAUST GAS TREATMENT CATALYST, METHOD FOR PRODUCING EXHAUST GAS TREATMENT CATALYST, AND METHOD FOR REGENERATING EXHAUST GAS TREATMENT CATALYST**
[54] **CATALYSEUR DE TRAITEMENT DE GAZ D'ECHAPPEMENT, PROCEDE POUR LA PRODUCTION DE CATALYSEUR DE TRAITEMENT DE GAZ D'ECHAPPEMENT ET PROCEDE POUR LA REGENERATION DE CATALYSEUR DE TRAITEMENT DE GAZ D'ECHAPPEMENT**
[72] YONEMURA, MASANAO, JP
[72] NOCHI, KATSUMI, JP
[72] KIYOSAWA, MASASHI, JP
[72] DEMOTO, MASANORI, JP
[72] TAKAKURA, KYOHEI, JP
[73] MITSUBISHI HITACHI POWER SYSTEMS, LTD., JP
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[54] **FISTULA CATHETER AND RELATED METHODS THEREFOR**
[54] **CATHETER FISTULE ET PROCEDES ASSOCIES**
[72] KINPARA, YUICHI, JP
[73] COVIDIEN LP, US
[85] 2014-03-12
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[54] **MOUNTING MECHANISM FOR EYEWEAR**
[54] **MECANISME DE MONTAGE POUR LUNETTES**
[72] CALILUNG, RYAN, US
[72] HADDEN, JEREMY, US
[73] OAKLEY, INC., US
[85] 2014-03-20
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[25] EN
[54] **PROCESS TO OBTAIN RANDOM COPOLYMERS DERIVED FROM ITACONIC ACID AND/OR ITS ISOMERS AND SODIUM ALKENYL SULFONATES AND USE OF THE PRODUCT THEREOF**
[54] **PROCEDE POUR OBTENIR DES COPOLYMERES ALEATOIRES DERIVES DE L~ACIDE ITACONIQUE OU DE SES ISOMERES ET DE SULFONATES ALCENYLES DE SODIUM ET UTILISATION DU PRODUIT DUDIT PROCEDE**
[72] HERNANDEZ ALTAMIRANO, RAUL, MX
[72] MENA CERVANTES, VIOLETA YASMIN, MX
[72] ZAMUDIO RIVERA, LUIS SILVESTRE, MX
[72] LUNA ROJERO, ERICK EMANUEL, MX
[72] MARTINEZ MAGADAN, JOSE MANUEL, MX
[72] NIETO ALVAREZ, DAVID AARON, MX
[72] PONS JIMENEZ, MIRNA, MX
[72] RAMIREZ ESTRADA, ALEJANDRO, MX
[72] ARZOLA GARCIA, MARIA DEL PILAR, MX
[73] INSTITUTO MEXICANO DEL PETROLEO, MX
[86] (2849837)
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[54] **SIMULTANEOUS CLAMP AND TORQUE DRIVE**
[54] **ENTRAINEMENT SIMULTANE DE SERRAGE ET DE COUPLE**
[72] ROSANO, HUGO LEONARDO, NO
[72] DRZEWIECKI, LOPEK, CA
[73] NATIONAL OILWELL VARCO NORWAY AS, NO
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[54] **STERILIZED LIQUID PROTEIN SUPPLEMENT**
[54] **PREPARATION PROTEIQUE LIQUIDE STERILISEE**
[72] LAMB, CATHERINE S., US
[72] LUEBBERS, STEVEN T., US
[72] TUCKER, KANDICE T., US
[72] JOHNS, PAUL W., US
[72] BARRETT-REIS, BRIDGET, US
[73] ABBOTT LABORATORIES, US
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[54] **CONTROLLED RECORDED 3-WAY CALLING**
[54] **APPEL A 3 ENREGISTRE CONTROLE**
[72] BENNETT, CHRISTOPHER RYAN, US
[73] WORLD EMERGENCY NETWORK - NEVADA, LTD., US
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[25] EN
[54] **HAND-ACTUATED DEVICE FOR REMOTE MANIPULATION OF A GRASPING TOOL**
[54] **DISPOSITIF A COMMANDE MANUELLE POUR MANIPULER A DISTANCE UN OUTIL DE PREHENSION**
[72] DANITZ, DAVID J., US
[72] HINMAN, CAMERON DALE, US
[73] INTUITIVE SURGICAL OPERATIONS, INC., US
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[25] EN
[54] **PROCESS FOR PRODUCING FUCOXANTHINOL EXTRACT AND METHODS OF USE**
[54] **PROCEDE DE PRODUCTION D'UN EXTRAIT DE FUCOXANTHINOL ET PROCEDES D'UTILISATION**
[72] MAMELONA, JEAN, CA
[72] BRION, DENIS M., CA
[73] MAMELONA, JEAN, CA
[73] BRION, DENIS M., CA
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[54] **NANOPARTICLE SMART TAGS IN SUBTERRANEAN APPLICATIONS**
[54] **ETIQUETTES NANOPARTICULAIRES INTELLIGENTES POUR APPLICATIONS SOUTERRAINES**
[72] SARKAR, DIPTABHAS, US
[72] LANDIS, CHARLES, US
[72] COLLINS, RYAN P., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **GUANIDINYL-SUBSTITUTED POLYAMIDES USEFUL FOR TREATING HUMAN PAPILLOMA VIRUS**
[54] **POLYAMIDES A SUBSTITUTION DE GUANIDINYLE, UTILES POUR TRAITER LE PAPILLOMAVIRUS HUMAIN**
[72] BASHKIN, JAMES K., US
[72] EDWARDS, TERRI G., US
[72] FISHER, CHRISTOPHER, US
[72] HARRIS, GEORGE D., JR, US
[72] KOELLER, KEVIN J., US
[73] NANOVIR, LLC, US
[73] THE CURATORS OF THE UNIVERSITY OF MISSOURI, US
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[54] **SERINGUE A PISTON PLONGEUR CASSABLE DE PRELEVEMENT D'ECHANTILLON GAZEUX DE SANG ARTERIEL**
[72] HOONG SIM, LEE, SG
[72] KIANG HENG, LIM, SG
[73] BECTON, DICKINSON AND COMPANY, US
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[54] **FUSED BICYCLIC OXAZOLIDINONE CETP INHIBITOR**
[54] **INHIBITEUR DE CETP D'OXAZOLIDINONE BICYCLIQUE CONDENSEE**
[72] SHAO, PENGCHENG PATRICK, US
[72] YE, FENG, US
[72] VACHAL, PETR, US
[72] SHA, DEYOU, US
[72] KATIPALLY, REVATHI REDDY, US
[72] LIU, JIAN, US
[72] SUN, WANYING, US
[73] MERCK SHARP & DOHME CORP., US
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[54] **DISPOSITIF DE TRANSFERT THERMIQUE**
[72] TAMURA, AKINORI, JP
[72] KAWAMURA, TOSHINORI, JP
[72] KITOU, KAZUAKI, JP
[72] NAKANO, HIROSHI, JP
[73] HITACHI, LTD., JP
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[54] **SURFACE TREATMENT COMPOSITIONS INCLUDING SHIELDING SALTS**
[54] **COMPOSITIONS DE TRAITEMENT DE SURFACE COMPRENANT DES SELS PROTECTEURS**
[72] RANDALL, SHERRI LYNN, US
[72] TSCHEINER, MICHELLE ANN, US
[72] JOHNSON, ERIC SCOTT, US
[72] SIVIK, MARK ROBERT, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **ROTOR SYSTEM OF A ROTARY WING AIRCRAFT**
[54] **MECANISME DE ROTOR D'UN AERONEF A VOILURE TOURNANTE**
[72] VON-WILMOWSKY, KASPAR, DE
[73] AIRBUS HELICOPTERS DEUTSCHLAND GMBH, DE
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[87] (2854317)
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[54] **COMPOSITE CHAIR**
[54] **CHAISE EN COMPOSITE**
[72] LIU, LAUSAN CHUNG-HSIN, CN
[72] LIU, SHOPO HSIN TSU, CN
[72] LIU, FIBRO TSU KUN, CN
[73] KEYSHEEN INDUSTRY (SHANGHAI) CO., LTD., CN
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[54] **TUBING CONNECTOR SYSTEM**
[54] **SYSTEME DE RACCORD DE TUBE**
[72] VACHON, LEANDRE, CA
[73] LE GROUPE DSD INC., CA
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[54] **VEHICLE AND STRUCTURE SHIELD WITH IMPROVED HARD POINTS**
[54] **PROTECTION DE VEHICULE ET DE STRUCTURE A POINTS DURS AMELIORES**
[72] FARINELLA, MICHAEL, US
[72] LAWSON, WILLIAM, US
[72] QUIGLEY, SCOTT, US
[72] CURRAN, ROBERT, US
[73] FOSTER-MILLER, INC., US
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[30] US (13/373,408) 2011-11-14

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[54] **PLUNGER ROD RETAINING ANCHORS**
[54] **PISTON PLONGEUR RETENANT DES ANCRES**
[72] IVOSEVIC, MILAN, US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2014-05-09
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[54] **TOOTHBRUSH HAVING AN INNER CAVITY**
[54] **BROSSE A DENTS POURVUE D'UNE CAVITE INTERNE**
[72] WEN, CATHY, US
[72] NEWMAN, MATTHEW LLOYD, US
[72] BIRK, ANDREAS, DE
[72] BRESSELSCHMIDT, ANDREAS, DE
[72] HORTON, ANDREW JOSEPH, US
[72] HUSTEDT, SIEGFRIED KURT MARTIN, DE
[72] JACKSON, SCOTT, US
[72] KAWERAU, JOCHEN, DE
[72] PFEIFER, ULRICH, DE
[72] SATTERFIELD, RICHARD DARREN, US
[72] SCHMELCHER, HEIDRUN ANNIKA, DE
[72] SCHMID, FRANZISKA, DE
[72] STOERKEL, JENS UWE, DE
[72] WILSON, BENJAMIN JOHN, DE
[72] WINKLER, TILMANN, DE
[73] THE PROCTOR & GAMBLE COMPANY, US
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[51] **Int.Cl. C07F 9/6558 (2006.01) A61K 31/5377 (2006.01) A61P 35/00 (2006.01)**
[25] FR
[54] **NEW PHOSPHATE DERIVATIVES, THEIR USE IN CANCEROLOGY, THEIR PREPARATION PROCESS AND THE PHARMACEUTICAL COMPOUNDS CONTAINING THEM**
[54] **NOUVEAUX DERIVES PHOSPHATES, LEUR UTILISATION EN CANCEROLOGIE, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT**
[72] LE TIRAN, ARNAUD, FR
[72] LE DIGUARHER, THIERRY, FR
[72] STARCK, JEROME-BENOIT, FR
[72] HENLIN, JEAN-MICHEL, FR
[72] GUILLOUZIC, ANNE-FRANCOISE, FR
[72] DE NANTEUIL, GUILLAUME, FR
[72] GENESTE, OLIVIER, FR
[72] DAVIDSON, JAMES EDWARD PAUL, GB
[72] MURRAY, JAMES BROOKE, GB
[72] CHEN, I-JEN, GB
[73] LES LABORATOIRES SERVIER, FR
[73] VERNALIS (R&D) LTD, GB
[86] (2856886)
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[22] 2014-07-14
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[25] EN
[54] **PROCESSES AND HYDROCARBON PROCESSING APPARATUSES FOR PREPARING MONO-OLEFINS**
[54] **PROCEDES ET APPAREILS DE TRAITEMENT D'HYDROCARBURES POUR LA PREPARATION DE MONO-OLEFINES**
[72] KOZUP, STEVEN C., US
[72] ZIMMERMANN, JOSEPH EDWARD, US
[73] UOP LLC, US
[85] 2014-05-23
[86] 2013-01-29 (PCT/US2013/023576)
[87] (WO2013/122736)
[30] US (13/399,796) 2012-02-17

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[25] EN
[54] **PYRROLO CARBOXAMIDES AS MODULATORS OF ORPHAN NUCLEAR RECEPTOR RAR-RELATED ORPHAN RECEPTOR-GAMMA (RORY, NR1F3) ACTIVITY AND FOR THE TREATMENT OF CHRONIC INFLAMMATORY AND AUTOIMMUNEDISEASES**
[54] **PYRROLOCARBOXAMIDES EN TANT QUE MODULATEURS DE L'ACTIVITE D'UN RECEPTEUR ORPHELIN GAMMA (RORY, NR1F3) APPARENTE AU RECEPTEUR NUCLEAIRE ORPHELIN RAR ET DESTINES AU TRAITEMENT DE MALADIES INFLAMMATOIRES CHRONIQUES ET AUTO-IMMUNES**
[72] STEENECK, CHRISTOPH, DE
[72] KINZEL, OLAF, DE
[72] GEGE, CHRISTIAN, DE
[72] KLEYMANN, GERALD, DE
[72] HOFFMANN, THOMAS, DE
[73] PHENEX PHARMACEUTICALS AG, DE
[85] 2014-05-26
[86] 2012-12-03 (PCT/EP2012/004977)
[87] (WO2013/079223)
[30] EP (11009556.9) 2011-12-02
[30] US (61/566055) 2011-12-02

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[25] EN
[54] **SULFONAMIDE DERIVATIVES**
[54] **DERIVES DE SULFONAMIDE**
[72] RAWSON, DAVID JAMES, GB
[72] STORER, ROBERT IAN, GB
[72] SWAIN, NIGEL ALAN, GB
[73] PFIZER LIMITED, GB
[85] 2014-05-30
[86] 2012-12-06 (PCT/IB2012/057035)
[87] (WO2013/088315)
[30] US (61/576,005) 2011-12-15

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[51] **Int.Cl. B29D 29/08 (2006.01) B29C 43/22 (2006.01) B29C 43/28 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MAKING ENDLESS REINFORCED BELTS**
[54] **APPAREIL ET PROCEDE DE FABRICATION DE COURROIES RENFORCEES SANS FIN**
[72] PASCH, LAMBERT, DE
[72] KNOX, JOHN GRAEME, US
[73] GATES CORPORATION, US
[85] 2014-06-03
[86] 2012-12-14 (PCT/US2012/069932)
[87] (WO2013/090835)
[30] US (61/570,814) 2011-12-14

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[51] **Int.Cl. B21D 28/26 (2006.01) B21D 28/34 (2006.01)**
[25] EN
[54] **PLASTIC FILM PUNCHING APPARATUS**
[54] **APPAREIL DE PERFORATION DE PELLICULE DE PLASTIQUE**
[72] OHNISHI, YUJI, JP
[72] SAWADA, SHOICHI, JP
[73] TOTANI CORPORATION, JP
[86] (2860431)
[87] (2860431)
[22] 2014-08-26
[30] JP (2013-179442) 2013-08-30

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[51] **Int.Cl. C11D 17/04 (2006.01) D01F 1/10 (2006.01) D04H 3/00 (2012.01)**
[25] EN
[54] **ACTIVE CONTAINING FIBROUS STRUCTURES WITH MULTIPLE REGIONS**
[54] **STRUCTURES FIBREUSES CONTENANT DES PRINCIPES ACTIFS ET PRESENTANT DE MULTIPLES ZONES**
[72] WEISMAN, PAUL THOMAS, US
[72] DREHER, ANDREAS JOSEF, US
[72] SIVIK, MARK ROBERT, US
[72] HAMAD-EBRAHIMPOUR, ALYSSANDREA HOPE, US
[72] GORDON, GREGORY CHARLES, US
[72] TROKHAN, PAUL DENNIS, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2014-07-04
[86] 2013-01-03 (PCT/US2013/020009)
[87] (WO2013/103629)
[30] US (61/583,016) 2012-01-04

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[51] **Int.Cl. C10G 3/00 (2006.01)**
[25] EN
[54] **GASOLINE PRODUCTION DEVICE**
[54] **DISPOSITIF DE FABRICATION D'ESSENCE**
[72] IIJIMA, MASAKI, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2014-07-08
[86] 2012-12-13 (PCT/JP2012/082328)
[87] (WO2013/108526)
[30] JP (2012-007216) 2012-01-17

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[13] C
[51] **Int.Cl. B22D 11/11 (2006.01) B22D 27/02 (2006.01)**
[25] EN
[54] **MOLDING DEVICE FOR CONTINUOUS CASTING WITH STIRRING UNIT**
[54] **DISPOSITIF DE MOULAGE POUR LA COULEE CONTINUE PRESENTANT UN DISPOSITIF_AGITATEUR**
[72] TAKAHASHI, KENZO, JP
[73] TAKAHASHI, KENZO, JP
[85] 2014-05-28
[86] 2013-12-26 (PCT/JP2013/084920)
[87] (WO2015/019517)
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[51] **Int.Cl. E21B 33/128 (2006.01) E21B 33/12 (2006.01) E21B 33/134 (2006.01)**
[25] EN
[54] **AN EXPANSION CONTROL DEVICE FOR A PACKER BODY AND ALSO A PIPING TOOL, METHOD AND USE FOR CONTROLLING THE EXPANSION OF THE PACKER BODY**
[54] **DISPOSITIF DE COMMANDE D'EXPANSION POUR UN CORPS DE GARNITURE, AINSI QU'OUTIL DE TUBULURE, PROCEDE ET UTILISATION POUR COMMANDER L'EXPANSION DU CORPS DE GARNITURE**
[72] HEGGESTAD, FRODE FLUGHEIM, NO
[73] E HOLSTAD HOLDING AS, NO
[85] 2014-07-08
[86] 2013-04-25 (PCT/NO2013/050073)
[87] (WO2013/165255)
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[25] EN
[54] **SEAWATER DESALINATION SYSTEM**
[54] **SYSTEME DE DESSALEMENT D'EAU DE MER**
[72] KATOU, AKITOMO, JP
[72] HOSHINO, MASAHIKO, JP
[72] HIRAMOTO, KOJI, JP
[72] FUJISE, KAZUHIKO, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
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[25] EN
[54] **SODIUM BICARBONATE VACUUM BAG INSERTS**
[54] **INSERTS DE BICARBONATE DE SODIUM DESTINES A DES SACS D'ASPIRATEUR**
[72] SEPKE, ARNOLD, US
[72] BOLKAN, STEVEN A., US
[72] ASHLEY, RAYMOND F., US
[73] ELECTROLUX HOME CARE PRODUCTS, INC., US
[86] (2865445)
[87] (2865445)
[22] 2006-06-07
[62] 2,650,987
[30] US (60/689,255) 2005-06-10
[30] US (60/706,063) 2005-08-08
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[25] EN
[54] **PHENICOL ANTIBACTERIALS**
[54] **ANTIBACTERIENS A BASE DE PHENICOL**
[72] CURTIS, MICHAEL, US
[72] DUCLOS, BRIAN A., US
[72] EWIN, RICHARD A., US
[72] JOHNSON, PAUL D., US
[72] JOHNSON, TIMOTHY A., US
[72] VAIRAGOUNDAR, RAJENDRAN, US
[72] BILLEN, DENIS, US
[72] GOODWIN, RICHARD M., US
[72] HABER-STUK, ANDREA K., US
[72] KYNE, GRAHAM M., US
[72] SHEEHAN, SUSAN M. K., US
[73] ZOETIS SERVICES LLC, US
[85] 2014-09-04
[86] 2013-03-01 (PCT/US2013/028554)
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[51] **Int.Cl. H04B 1/707 (2011.01) H04W 60/00 (2009.01) H04W 72/04 (2009.01) H04B 1/38 (2015.01)**
[25] EN
[54] **TRANSMITTAL OF HEARTBEAT SIGNAL AT A LOWER LEVEL THAN HEARTBEAT REQUEST**
[54] **TRANSMISSION DE SIGNAL DE PULSATION A UN NIVEAU INFERIEUR A CELUI D'UNE DEMANDE DE SIGNAL DE PULSATION**
[72] PROCTOR, JAMES A., JR., US
[73] INTEL CORPORATION, US
[86] (2867406)
[87] (2867406)
[22] 2002-06-13
[62] 2,689,861
[30] US (60/297,925) 2001-06-13
[30] US (09/997,621) 2001-11-29
[30] US (60/378,697) 2002-05-07
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[25] EN
[54] **MEDICAL SURGICAL WASTE COLLECTION AND DISPOSAL SYSTEM INCLUDING A ROVER AND A DOCKER, THE DOCKER HAVING FEATURES FACILITATING THE ALIGNMENT OF THE DOCKER WITH THE ROVER**
[54] **DISPOSITIF DE COLLECTE ET ELIMINATION DE PATE CHIRURGICALE MEDICALE COMPORTANT UN RECIPIENT ET UNE STATION D'ACCUEIL, LA STATION D'ACCUEIL PRESENTANT DES CARACTERISTIQUES FACILITANT L'ALIGNEMENT DE LA STATION D'ACCUEIL ET DU RECIPIENT**
[72] LALOMIA, BRENT S., US
[72] REASONER, STEPHEN J., US
[72] ISHAM, STEPHEN P., US
[72] GAMHEWAGE, CHAMARA, US
[72] WASSERMAN, MARK A., US
[72] ROCQUE, GLEN D., US
[72] MURRAY, SEAN, US
[72] DURNELL, TROY E., US
[72] WESTPHAL, GRANT T., US
[72] HEPP, JOSEPH P., III, US
[72] MACLACHLAN, BRIAN, US
[72] SCANLON, BRANDON A., US
[73] STRYKER CORPORATION, US
[86] (2867838)
[87] (2867838)
[22] 2006-12-13
[62] 2,633,082
[30] US (60/750,862) 2005-12-14

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[51] **Int.Cl. G01V 1/40 (2006.01) E21B 43/00 (2006.01) E21B 47/06 (2012.01) G01V 13/00 (2006.01)**
[25] EN
[54] **COMPRESSIONAL VELOCITY CORRECTION APPARATUS, METHODS, AND SYSTEMS**
[54] **APPAREIL, PROCEDES ET SYSTEMES DE CORRECTION DE VITESSE DE COMPRESSION**
[72] LI, SHULING, US
[72] PURDY, CARY C., US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2014-09-24
[86] 2012-04-09 (PCT/US2012/032697)
[87] (WO2013/154519)

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[13] C
[51] **Int.Cl. B07C 5/00 (2006.01) B07B 1/46 (2006.01)**
[25] EN
[54] **SORTING APPARATUS**
[54] **APPAREIL DE TRI**
[72] JONES, PETER T., US
[72] HALL, BRANDON T., US
[72] HUFFORD, DAVID W., US
[72] JUSTICE, TIMOTHY L., US
[72] MCGOWEN, TRACY L., US
[72] RICHERT, GERALD R., US
[72] TOMLINSON, ROYDAN T., US
[72] PELLET, JEAN-FRANCOIS, US
[72] KEMPH, QUENTIN F., US
[73] KEY TECHNOLOGY, INC., US
[85] 2014-10-03
[86] 2013-04-15 (PCT/US2013/036545)
[87] (WO2013/162931)
[30] US (13/454,887) 2012-04-24

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[13] C
[51] **Int.Cl. C07D 403/12 (2006.01) A61K 31/404 (2006.01) A61K 31/416 (2006.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01) A61P 35/00 (2006.01) C07D 209/42 (2006.01) C07D 231/56 (2006.01) C07D 401/04 (2006.01) C07D 401/12 (2006.01) C07D 401/14 (2006.01) C07D 405/12 (2006.01) C07D 405/14 (2006.01) C07D 413/12 (2006.01) C07D 413/14 (2006.01)**
[25] EN
[54] **INDOLE AND INDAZOLE COMPOUNDS THAT ACTIVATE AMPK**
[54] **COMPOSES D'INDOLE ET D'INDAZOLE QUI ACTIVENT L'AMPK**
[72] BHATTACHARYA, SAMIT KUMAR, US
[72] CAMERON, KIMBERLY O'KEEFE, US
[72] DOWLING, MATTHEW SCOTT, US
[72] EBNER, DAVID CHRISTOPHER, US
[72] FERNANDO, DILINIE PRASADHINI, US
[72] FILIPSKI, KEVIN JAMES, US
[72] KUNG, DANIEL WEI-SHUNG, US
[72] LEE, ESTHER CHENG YIN, US
[72] SMITH, AARON CHRISTOPHER, US
[72] TU, MEIHUA MIKE, US
[73] PFIZER INC., US
[85] 2014-10-06
[86] 2013-04-01 (PCT/IB2013/052604)
[87] (WO2013/153479)
[30] US (61/622,129) 2012-04-10

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[13] C
[51] **Int.Cl. C07F 9/6571 (2006.01) C08K 5/527 (2006.01) C09K 15/32 (2006.01)**
[25] EN
[54] **SPIRO BISPHOSPHITE BASED COMPOUND AND USES OF THE SAME**
[54] **COMPOSE A BASE DE BIPHOSPHATE SPIRANIQUE ET SES UTILISATIONS**
[72] CHIU, CHINGFAN CHRIS, TW
[73] CHITEC TECHNOLOGY CO., LTD., TW
[86] (2870410)
[87] (2870410)
[22] 2014-11-12
[30] TW (103116958) 2014-05-14

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[51] **Int.Cl. F21V 7/04 (2006.01) F21S 8/08 (2006.01) F21V 7/10 (2006.01) F21V 19/00 (2006.01)**
[25] EN
[54] **ROADWAY LUMINAIRE AND METHODS OF USE**
[54] **LUMINAIRE POUR L'ECLAIRAGE ROUTIER ET PROCEDES D'UTILISATION**
[72] BOYER, JOHN D., US
[72] VANDEN EYNDEN, JAMES G., US
[73] LSI INDUSTRIES, INC., US
[86] (2872099)
[87] (2872099)
[22] 2008-10-14
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[30] US (60/980,562) 2007-10-17
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[51] **Int.Cl. B01F 3/04 (2006.01) B01F 5/00 (2006.01) C02F 3/20 (2006.01)**
[25] EN
[54] **AERATION EQUIPMENT**
[54] **EQUIPEMENT D'AERATION**
[72] MASUDA, YASUHIKO, JP
[72] MASUDA, HIROYASU, JP
[73] SOLACE CO., LTD., JP
[85] 2014-11-04
[86] 2013-05-14 (PCT/JP2013/063358)
[87] (WO2013/175994)
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[51] **Int.Cl. B66F 7/28 (2006.01) B66F 3/22 (2006.01) B66F 7/08 (2006.01) E04H 6/06 (2006.01) F16M 1/00 (2006.01)**
[25] EN
[54] **DEVICE AND SYSTEM FOR LIFTING A MOTOR VEHICLE**
[54] **DISPOSITIF ET SYSTEME DE LEVAGE D'UN VEHICULE A MOTEUR**
[72] PAVLICK, ALLAN, US
[72] POLINS, KURT E., US
[72] FELPEL, GLENN, US
[73] STERTIL B.V., NL
[86] (2875383)
[87] (2875383)
[22] 2005-05-17
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[25] EN
[54] **SECURE POWER SUPPLY FOR AN INDUSTRIAL CONTROL SYSTEM**
[54] **SYSTEME D'ALIMENTATION SECURISE POUR UN SYSTEME DE COMMANDE INDUSTRIEL**
[72] ROOYAKKERS, ALBERT, US
[72] CALVIN, JAMES G., US
[72] CRANSHAW, GEORGE, US
[73] BEDROCK AUTOMATION PLATFORMS INC., US
[86] (2875517)
[87] (2875517)
[22] 2014-12-19
[30] US (61/940,003) 2014-02-14
[30] US (14/519,032) 2014-10-20
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[13] C
[51] **Int.Cl. A61B 17/68 (2006.01) A61B 17/80 (2006.01)**
[25] EN
[54] **FIXING DEVICE FOR FIXING THE FRACTURE ENDS OF THE BONES IN A BONE FRACTURE, AND TENSIONING ELEMENT, ANGLE CLAMPING SLEEVE AND CORRESPONDING METHOD**
[54] **DISPOSITIF DE FIXATION POUR FIXER DES EXTREMITES D'OS FRACTUREES D'UNE FRACTURE OSSEUSE, ELEMENT DE SERRAGE, DOUILLE DE BLOCAGE ANGULAIRE ET PROCEDE ASSOCIE**
[72] WAIZENEGGER, MARKUS, DE
[73] HIPP MEDICAL AG, DE
[85] 2014-12-11
[86] 2013-03-13 (PCT/EP2013/000750)
[87] (WO2013/185864)
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[51] **Int.Cl. G06F 19/00 (2011.01) E21B 47/00 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM OF SELECTING HYDROCARBON WELLS FOR WORKOVER**
[54] **PROCEDE ET SYSTEME DE SELECTION DE PUITS D'HYDROCARBURES POUR UN RECONDITIONNEMENT**
[72] TEMIZEL, CENK, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2014-12-19
[86] 2012-06-28 (PCT/US2012/044689)
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[51] **Int.Cl. C10G 9/00 (2006.01) B09B 3/00 (2006.01)**
[25] EN
[54] **HYBRID THERMAL PROCESS TO SEPARATE AND TRANSFORM CONTAMINATED OR UNCONTAMINATED HYDROCARBON MATERIALS INTO USEFUL PRODUCTS, USES OF THE PROCESS, MANUFACTURING OF THE CORRESPONDINGSYSTEM AND PLANT**
[54] **PROCEDE THERMIQUE HYBRIDE POUR SEPARER ET TRANSFORMER DES MATIERES HYDROCARBONEES CONTAMINEES OU NON CONTAMINEES EN PRODUITS UTILES, UTILISATIONS DE CE PROCEDE, FABRICATION DE SYSTEME CORRESPONDANT ET INSTALLATION**
[72] WHEELER, LUCIE B., CA
[72] BERTRAND, LOUIS, CA
[73] ENVIROLLEA INC., CA
[85] 2015-01-15
[86] 2013-02-13 (PCT/CA2013/050111)
[87] (WO2014/015423)
[30] CA (2,783,608) 2012-07-23

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[13] C
[51] **Int.Cl. E21B 17/042 (2006.01) E21B 17/08 (2006.01)**
[25] EN
[54] **AN EXPANDABLE THREADED TUBULAR CONNECTION**
[54] **UNE CONNEXION TUBULAIRE FILETEE EXTENSIBLE**
[72] HASHEM, GHAZI J., US
[72] HARRALL, SIMON J., US
[72] RING, LEV M., US
[72] EVANS, MERLE E., US
[73] WEATHERFORD/LAMB, INC., US
[86] (2881342)
[87] (2881342)
[22] 2006-08-09
[62] 2,865,078
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[51] **Int.Cl. E04H 15/34 (2006.01) E04H 15/44 (2006.01)**
[25] EN
[54] **MODULAR HYPERBOLIC TRAPEZOID FABRIC STRUCTURE**
[54] **STRUCTURE DE TISSUS TRAPEZOIDALE HYPERBOLIQUE MODULAIRE**
[72] WARNER, GERHARD ALLAN, CA
[73] 0798555 B.C. LTD., CA
[86] (2882541)
[87] (2882541)
[22] 2015-02-20

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[51] **Int.Cl. H04N 19/513 (2014.01) H04N 19/126 (2014.01)**
[25] EN
[54] **VIDEO DECODING APPARATUS, VIDEO CODING APPARATUS, VIDEO DECODING METHOD, VIDEO CODING METHOD, AND STORAGE MEDIUM**
[54] **APPAREIL DE DECODAGE VIDEO, APPAREIL DE CODAGE VIDEO, METHODE DE DECODAGE VIDEO, METHODE DE CODAGE VIDEO ET SUPPORT DE STOCKAGE**
[72] SHIMADA, SATOSHI, JP
[72] NAKAGAWA, AKIRA, JP
[72] KAZUI, KIMIHIKO, JP
[72] KOYAMA, JUNPEI, JP
[73] FUJITSU LIMITED, JP
[86] (2883244)
[87] (2883244)
[22] 2012-05-30
[62] 2,778,486
[30] JP (2011-133383) 2011-06-15

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[54] **PROCEDE DE FABRICATION D'UNE MOUSSE DE POLYSTYRENE A L'AIDE D'ADDITIFS DE TRAITEMENT DE POLYMERES**
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[54] **MACHINE D'ETIQUETAGE EQUIPEE D'UN DISPOSITIF D'ENROULEMENT POUR UNE BANDE DE SUPPORT**
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[54] **ORGANE D'ASSEMBLAGE POUR MECANISME DE TOILETTE**
[72] VERDECCHIA, WILLIAM A., ZZ
[72] MORRIS, JASON E., ZZ
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[73] ZURN INDUSTRIES, LLC, US
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[72] ILIEV, IVAYLO KATEV, BG
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[54] **ELEMENT DETECTEUR GONFLANT, CABLE DE DETECTION MODULAIRE ET SYSTEME DE DETECTION POUR DETECTER DES FUITES DE LIQUIDE NON-CONDUCTEUR**
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[54] **METHOD AND SYSTEM FOR THE SPOTTING OF ARBITRARY WORDS IN HANDWRITTEN DOCUMENTS**
[54] **PROCEDE ET SYSTEME DE REPERAGE DE MOTS ARBITRAIRES DANS DES DOCUMENTS MANUSCRITS**
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[54] **METHODE DE SYNTHESE D'ESTERS D'ACIDES ORGANIQUES DE 5-HYDROXYMETHYLFURFURAL ET LEURS APPLICATIONS**
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[54] **GARNITURE D'INJECTEUR DE CARBURANT DANS UN MOTEUR MULTI-CARBURANT**
[72] FANG, CHAOHONG, AU
[73] WESTPORT POWER INC., CA
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[54] **COMPOSES D'OXAZOLIDINONE, LEUR PROCEDE DE PREPARATION ET LEURS UTILISATIONS**
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[72] XUE, TAO, CN
[72] DING, SHI, CN
[72] GUO, BIN, CN
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[72] MCALILEY, JAMES HODGE, US
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[72] JAMISON, DALE E., US
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[72] VOS, ANDREW DAVID, US
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[72] KUNNATUR, SANDHYA, US
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[54] **SYSTEME POUR FIXER SUR UN CASQUE UN DISPOSITIF SE FIXANT SUR UN CASQUE**
[72] BANDY, GREGORY SETH, US
[72] GARRIS, WILLIAM ERIC, US
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[72] LEITZSCH, CHRISTOPHER, US
[72] NEFF, TODD M., US
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[54] **PROCEDE DE PRODUCTION DE 1,3-BUTADIENE**
[72] LEWANDOWSKI, MAREK, PL
[72] OCHENDUSZKO, AGNIESZKA, PL
[72] JONES, MATTHEW, GB
[73] SYNTHOS S.A., PL
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[54] **CAPSULE POUR LA PREPARATION D'UN PRODUIT CONSOMMABLE**
[72] TROMBETTA, LIBERATORE A., CA
[72] FU, YUCHENG, CA
[73] 2266170 ONTARIO INC., CA
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[54] **UN APPAREIL DESTINE A ENFERMER AU MOINS UN MODULE HAUTE TENSION OU MOYENNE TENSION ET UN DISPOSITIF D'ALIMENTATION ELECTRIQUE DOTE D'UN TEL APPAREIL**
[72] OLSSON, CARL-OLOF, SE
[72] JOHANSSON, PETTER, SE
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[72] MISENER, DONALD LOWELL, CA
[73] CALM TECHNOLOGIES INC., CA
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[54] **MECANISME PERMETTANT DE MANIPULER DES BARILS ORANGE SERVANT A DIRIGER LA CIRCULATION ROUTIERE LORS DE TRAVAUX ROUTIERS**
[72] NADON, GILLES, CA
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[54] **LIVRE DOTE D'UN ESPACE DE RANGEMENT D'INSTRUMENT D'ECRITURE**
[72] SEOK, BONG SOO, CA
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[25] EN
[54] **SOLID FUEL BURNING STOVE AND DOOR LOCKING ASSEMBLY FOR A SOLID FUEL BURNING STOVE**
[54] **FOYER A COMBUSTIBLE SOLIDE ET DISPOSITIF DE VERROUILLAGE DE PORTE POUR FOYER A COMBUSTIBLE SOLIDE**
[72] BLOUIN, ERIC, CA
[71] FABRICANT DE POELES INTERNATIONAL INC., CA
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[54] **APPAREIL DE VERROUILLAGE A DOUBLE CAME**
[72] SLJIVIC, ALEKSANDAR, CA
[71] T2 SYSTEMS CANADA INC., CA
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[54] **CHAUFFE-MOTEUR**
[72] SMITH, JASON STEVEN, CA
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[54] **GAS CYLINDER VALVE**
[54] **SOUPAPE DE BOUTEILLE DE GAZ**
[72] CARTER, STEPHEN ALAN, CA
[71] LUXFER CANADA LIMITED, CA
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[72] SAVAGE, JOHN CHARLES, GB
[72] SMITH, JONATHAN NEIL, GB
[71] THALES HOLDING UK PLC, GB
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[54] **METHOD OF RECORDING, MONITORING, COMMUNICATING, AND PREVENTING BULLYING EVENTS**
[54] **METHODE D'ENREGISTREMENT, SURVEILLANCE, COMMUNICATION ET PREVENTION D'EVENEMENTS D'INTIMIDATION**
[72] BRUNELLE, JEAN-FRANCOIS, CA
[71] BRUNELLE, JEAN-FRANCOIS, CA
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[54] **PARE-FEU**
[72] KOLIOS, DIMITRIOS, CA
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[54] **MECHANISM FOR AN AUTOMATIC SOCKING MACHINE**
[54] **MECANISME DESTINE A UNE MACHINE DE PRODUCTION AUTOMATISEE**
[72] HAAN, TOM, CA
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[54] **MUD PULSER WITH POPPET VALVE, HAVING LINEAR DISPLACEMENT DETERMINATION MEANS**
[54] **PULSEUR DE BOUE DOTE D'UN DISTRIBUTEUR A CLAPET ET DE MECANISMES DE DETERMINATION DE DEPLACEMENT LINEAIRE**
[72] PARE, QUENTIN, CA
[72] BROWN, CARL, CA
[72] AUER, THOMAS, CA
[72] THOMAS, BEN, CA
[71] HPC ENERGY SERVICES LTD., CA
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[25] EN
[54] **SYSTEM AND METHOD FOR ATHLETE ASSESSMENT AND TEAM SELECTION**
[54] **SYSTEME ET METHODE D'EVALUATION D'ATHLETE ET DE SELECTION D'EQUIPE**
[72] ANDERSON, NEIL, CA
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[25] EN
[54] **UPWARDLY VENTING RIDGE VENT AND METHOD OF USING SAME**
[54] **EVENT DE FAITAGE A VENTILATION VERTICALE ET METHODE D'UTILISATION ASSOCIEE**
[72] NOORT, JUSTIN VAN, CA
[72] STAGG, LAWRENCE WILLIAM, CA
[72] BALDWIN, SCOTT, CA
[72] MANTYLA, JAMES, CA
[71] CANPLAS INDUSTRIES LTD., CA
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[54] **QUICK CONNECT PENDANT TO CANOPY AND WIRE**
[54] **RACCORD RAPIDE DE LUMINAIRE A UN AUVENT, ET CABLE**
[72] YANG, SHAOKUN, CA
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[54] **CORROSION PROTECTION USING A SACRIFICIAL ANODE**
[54] **PROTECTION CONTRE LA CORROSION FAISANT APPEL A UNE ANODE SACRIFICIELLE**
[72] SERGI, GEORGE, GB
[72] SENEVIRATNE, ATTANAYAKE MUDIYANSELAGE GAMINI, GB
[72] WHITMORE, DAVID, CA
[71] VECTOR CORROSION TECHNOLOGIES LTD., CA
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[25] EN
[54] **DRILL POSITIONING SYSTEM FOR JUMBO CARRIER UNIT**
[54] **DISPOSITIF DE POSITIONNEMENT DE FOREUR POUR MODULE PORTEUR GEANT**
[72] NELSON, YVES, CA
[71] 1311854 ONTARIO LIMITED, CA
[22] 2015-01-22
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[54] **LINER HANGER TOP PACKER**
[54] **GARNITURE SUPERIEURE DE COLONNE PERDUE**
[72] YI, HUIAN, CN
[72] TIAN, BINGZHOU, CN
[72] CHEN, SHANYIN, CN
[72] DING, BAISONG, CN
[72] ZAN, ZHIEN, CN
[72] LI, BOREN, CN
[72] LIU, MIAOREN, CN
[72] YE, FANGJU, CN
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[54] **SECUREMENT SYSTEM FOR TRANSPORTING CARGO**
[54] **SYSTEME DE FIXATION DESTINE AU TRANSPORT DE MARCHANDISES**
[72] HANCOCK, STEVEN H., CA
[71] DOEPKER INDUSTRIES LTD., CA
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[51] **Int.Cl. A41D 15/00 (2006.01) A41D 1/06 (2006.01)**
[25] EN
[54] **CONVERTIBLE PANTS**
[54] **PANTALONS TRANSFORMABLES**
[72] KROECHER, ANDRE, CA
[71] IDEAVELOPMENT PRODUCT DEVELOPMENT & CONSULTING INC., CA
[22] 2015-01-21
[41] 2016-07-19
[30] US (14/559963) 2015-01-19

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[13] A1
[51] **Int.Cl. E01C 23/00 (2006.01)**
[25] EN
[54] **SHIELDING SYSTEM FOR HYDRODEMOLITION APPARATUS**
[54] **DISPOSITIF DE PROTECTION DESTINE A UN APPAREIL D'HYDRODEMOLITION**
[72] MACNEIL, DAVID, CA
[72] MACNEIL, GERARD, CA
[72] MACNEIL, JESSE, CA
[72] MACNEIL, BRETT, CA
[72] MACNEIL, GORDON, CA
[72] BOSE, VERNON, CA
[72] VAN GOOL, EDWARD, CA
[71] MAC & MAC HYDRODEMOLITION INC., CA
[22] 2015-01-22
[41] 2016-07-22

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[13] A1
[51] **Int.Cl. E02B 15/10 (2006.01) B03D 1/08 (2006.01) E02B 15/04 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SKIMMING A FLOATING LIQUID FROM A BODY OF WATER**
[54] **METHODE ET APPAREIL D'ENLEVEMENT DE LIQUIDE FLOTTANT D'UN PLAN D'EAU**
[72] SCHMIDT, LAWRENCE, CA
[71] SCHMIDT, LAWRENCE, CA
[22] 2015-01-22
[41] 2016-07-22

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[13] A1
[51] **Int.Cl. F41B 5/14 (2006.01) F41B 5/12 (2006.01)**
[25] EN
[54] **CROSSBOW WITH A RELEASE MECHANISM**
[54] **ARBALETE DOTEE D'UN MECANISME DECLENCHEUR**
[72] KHOSHNOOD, BAHRAM, US
[71] MCP IP, LLC, US
[22] 2015-01-22
[41] 2016-07-22

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[21] **2,879,462**
[13] A1
[51] **Int.Cl. G09G 5/02 (2006.01)**
[25] EN
[54] **COMPENSATION FOR COLOR VARIATION IN EMISSIVE DEVICES**
[54] **COMPENSATION DE LA VARIATION DE COULEUR DANS LES DISPOSITIFS EMETTEURS**
[72] UNKNOWN, ZZ
[71] IGNIS INNOVATION INC., CA
[22] 2015-01-23
[41] 2016-07-23

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[21] **2,879,465**
[13] A1
[51] **Int.Cl. H01L 21/58 (2006.01) H01L 25/00 (2006.01)**
[25] EN
[54] **INTEGRATION OF SEMICONDUCTOR DEVICES INTO SYSTEM SUBSTRATE**
[54] **INTEGRATION DE DISPOSITIFS A SEMICONDUCTEUR DANS UN SUBSTRAT DE SYSTEME**
[72] UNKNOWN, ZZ
[71] IGNIS INNOVATION INC., CA
[22] 2015-01-23
[41] 2016-07-23

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[21] **2,879,469**
[13] A1
[51] **Int.Cl. H02B 1/38 (2006.01) B60F 1/04 (2006.01)**
[25] EN
[54] **HY RAIL POWER CONTROL SWITCH COVER**
[54] **COUVERCLE DE MECANISME DE COMMANDE D'ALIMENTATION DE RAIL-ROUTE**
[72] BOYUK, YVAN M., CA
[71] BOYUK, YVAN M., CA
[22] 2015-01-23
[41] 2016-07-23

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[13] A1
[51] **Int.Cl. B41F 17/00 (2006.01) A47G 1/02 (2006.01) B41J 2/01 (2006.01) B41M 7/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MANUFACTURING DECORATIVE GLASS, MIRROR AND OTHER SUBSTRATES**
[54] **METHODE ET APPAREIL DE FABRICATION DE VERRE DECORATIF, MIROIR ET AUTRES SUBSTRATS**
[72] GARSVA, VILIUS, CA
[71] IMAGIC GLASS INC., CA
[22] 2015-01-23
[41] 2016-07-23

[21] **2,879,627**
[13] A1
[51] **Int.Cl. H01L 21/58 (2006.01) H01L 25/00 (2006.01) H01L 33/00 (2010.01)**
[25] EN
[54] **SELECTIVE SEMICONDUCTOR DEVICE INTEGRATION INTO SYSTEM SUBSTRATE**
[54] **INTEGRATION DE DISPOSITIF A SEMICONDUCTEUR SELECTIF DANS UN SUBSTRAT DE SYSTEME**
[72] UNKNOWN, ZZ
[71] IGNIS INNOVATION INC., CA
[22] 2015-01-23
[41] 2016-07-23

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[13] A1
[51] **Int.Cl. B42D 3/12 (2006.01)**
[25] EN
[54] **BOOK WITH WRITING INSTRUMENT STORAGE SPACE**
[54] **LIVRE DOTE D'UN ESPACE DE RANGEMENT D'INSTRUMENT D'ECRITURE**
[72] SEOK, BONG SOO BS, CA
[71] SEOK, BONG SOO BS, CA
[71] KANG, EUGENE EK, CA
[22] 2015-01-19
[41] 2016-07-19

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[21] **2,879,743**
[13] A1
[51] **Int.Cl. G08B 13/196 (2006.01) H04N 21/80 (2011.01) G06T 7/20 (2006.01)**
[25] EN
[54] **UNIQUE ITEM COUNT FROM MONOCULAR VIDEOS**
[54] **COMPTE D'ELEMENTS UNIQUES A PARTIR DE VIDEOS MONOCULAIRES**
[72] RAY, NILANJAN, CA
[72] MUKHERJEE, SATARUPA, CA
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
[22] 2015-01-23
[41] 2016-07-23

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[21] **2,880,078**
[13] A1
[51] **Int.Cl. H03M 13/27 (2006.01) H03M 13/11 (2006.01)**
[25] EN
[54] **BIT INTERLEAVER FOR LOW-DENSITY PARITY CHECK CODEWORD HAVING LENGTH OF 64800 AND CODE RATE OF 2/15 AND QUADRATURE PHASE SHIFT KEYING, AND BIT INTERLEAVING METHOD USING SAME**
[54] **ENTRELACEUR DE BITS POUR MOT CODE A CONTROLE DE PARITE FAIBLE DENSITE AYANT UNE LONGUEUR DE 64 800 BITS ET UN TAUX DE CODE DE 2/15 ET UNE MODULATION PAR DEPLACEMENT DE PHASE A QUATRE ETATS, ET PROCEDE A ENTRELACEMENT DE BITS UTILISANT CELUI-CI**
[72] PARK, SUNG-IK, KR
[72] KWON, SUN-HYOUNG, KR
[72] LEE, JAE-YOUNG, KR
[72] KIM, HEUNG-MOOK, KR
[72] HUR, NAM-HO, KR
[71] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
[22] 2015-01-27
[41] 2016-07-20
[30] KR (10-2015-0009380) 2015-01-20

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[13] A1
[51] **Int.Cl. H03M 13/27 (2006.01) H03M 13/11 (2006.01)**
[25] EN
[54] **BIT INTERLEAVER FOR LOW-DENSITY PARITY CHECK CODEWORD HAVING LENGTH OF 64800 AND CODE RATE OF 4/15 AND QUADRATURE PHASE SHIFT KEYING, AND BIT INTERLEAVING METHOD USING SAME**
[54] **ENTRELACEUR DE BITS POUR MOT CODE A CONTROLE DE PARITE FAIBLE DENSITE AYANT UNE LONGUEUR DE 64 800 BITS ET UN TAUX DE CODE DE 4/15 ET UNE MODULATION PAR DEPLACEMENT DE PHASE A QUATRE ETATS, ET PROCEDE A ENTRELACEMENT DE BITS UTILISANT CELUI-CI**
[72] PARK, SUNG-IK, KR
[72] KWON, SUN-HYOUNG, KR
[72] LEE, JAE-YOUNG, KR
[72] KIM, HEUNG-MOOK, KR
[72] HUR, NAM-HO, KR
[71] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
[22] 2015-01-27
[41] 2016-07-20
[30] KR (10-2015-0009382) 2015-01-20

[21] **2,880,125**
[13] A1
[51] **Int.Cl. H03M 13/27 (2006.01) H03M 13/11 (2006.01)**
[25] EN
[54] **BIT INTERLEAVER FOR LOW-DENSITY PARITY CHECK CODEWORD HAVING LENGTH OF 64800 AND CODE RATE OF 3/15 AND QUADRATURE PHASE SHIFT KEYING, AND BIT INTERLEAVING METHOD USING SAME**
[54] **ENTRELACEUR DE BITS POUR MOT CODE A CONTROLE DE PARITE FAIBLE DENSITE AYANT UNE LONGUEUR DE 64 800 BITS ET UN TAUX DE CODE DE 3/15 ET UNE MODULATION PAR DEPLACEMENT DE PHASE A QUATRE ETATS, ET PROCEDE A ENTRELACEMENT DE BITS UTILISANT CELUI-CI**
[72] PARK, SUNG-IK, KR
[72] KWON, SUN-HYOUNG, KR
[72] LEE, JAE-YOUNG, KR
[72] KIM, HEUNG-MOOK, KR
[72] HUR, NAM-HO, KR
[71] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
[22] 2015-01-27
[41] 2016-07-20
[30] KR (10-2015-0009381) 2015-01-20

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[13] A1
[51] **Int.Cl. B01J 29/08 (2006.01) B01J 37/00 (2006.01) C10G 47/18 (2006.01)**
[25] EN
[54] **IMPROVED NOBLE METAL ZEOLITE CATALYST FOR SECOND-STAGE HYDROCRACKING**
[54] **CATALYSEUR AMELIORE EN ZEOLITE ET METAL NOBLE DESTINE A L'HYDROCRAQUAGE DE DEUXIEME ETAGE**
[72] JIA, JIFEI, US
[72] RAINIS, ANDREW, US
[72] MAESEN, THEODORUS LUDOVICUS MICHAEL, US
[72] COSER, RICHARD JOSEPH, US
[72] ZHANG, YIHUA, US
[71] CHEVRON U.S.A. INC., US
[22] 2015-02-12
[41] 2016-07-22
[30] US (14/602394) 2015-01-22

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[21] **2,882,078**
[13] A1
[51] **Int.Cl. B65H 75/42 (2006.01) B65H 75/44 (2006.01)**
[25] EN
[54] **APPARATUS FOR SPOOLING**
[54] **APPAREIL DE MISE EN ROULEAU**
[72] STELMACK, DALE, CA
[71] STELMACK, DALE, CA
[22] 2015-02-16
[41] 2016-07-22
[30] US (14/602,355) 2015-01-22

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[21] **2,883,661**
[13] A1
[51] **Int.Cl. G06F 9/44 (2006.01) G06F 3/0481 (2013.01) G06F 3/0484 (2013.01) G06F 21/53 (2013.01)**
[25] EN
[54] **APPLICATION USER PODS FOR APPLICATION KIOSK MODE**
[54] **BLOCS D'APPLICATIONS UTILISATEUR POUR APPLICATION EN MODE KIOSQUE**
[72] KUSCHER, ALEXANDER FRIEDRICH, US
[72] HORNUNG, ZELIDRAG, US
[72] NAGARAJAN, VIDYA, US
[71] GOOGLE INC., US
[22] 2015-02-26
[41] 2016-07-23
[30] US (14/604,626) 2015-01-23

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[21] **2,885,089**
[13] A1
[51] **Int.Cl. A24C 5/14 (2006.01)**
[25] EN
[54] **SEMI-AUTOMATIC AND FULLY-AUTOMATIC CIGARETTE-MAKING MACHINES FOR MAKING CIGARETTES OF VARYING LENGTHS**
[54] **MACHINES AUTOMATIQUES ET SEMI-AUTOMATIQUES SERVANT A FABRIQUER DES CIGARETTES DE DIFFERENTES LONGUEURS**
[72] LIN, MEI, US
[72] LIN, JEONGQIANG, CN
[71] REPUBLIC TOBACCO L.P., US
[22] 2015-03-10
[41] 2016-07-21
[30] US (14/602,064) 2015-01-21

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[21] **2,892,952**
[13] A1
[51] **Int.Cl. B61K 9/08 (2006.01)**
[25] EN
[54] **PROTECTIVE SHROUD**
[54] **ENVELOPPE PROTECTRICE**
[72] MESHER, DAREL, CA
[71] TETRA TECH, INC., US
[22] 2015-05-29
[41] 2016-07-19
[30] US (62/104,882) 2015-01-19

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[21] **2,892,994**
[13] A1
[51] **Int.Cl. F21V 21/008 (2006.01) F21V 19/06 (2006.01) F21V 21/002 (2006.01)**
[25] EN
[54] **QUICK CONNECT PENDANT TO CANOPY AND WIRE**
[54] **RACCORD RAPIDE DE LUMINAIRE A UN AUVENT, ET CABLE**
[72] YANG, SHAOKUN, CA
[71] KUZCO LIGHTING, CA
[22] 2015-05-29
[41] 2016-07-21
[30] US (14601301) 2015-01-21

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[21] **2,893,007**
[13] A1
[51] **Int.Cl. B61L 25/06 (2006.01) B61L 23/04 (2006.01)**
[25] EN
[54] **SENSOR SYNCHRONIZATION APPARATUS AND METHOD**
[54] **APPAREIL DE SYNCHRONISATION DE CAPTEUR ET METHODE**
[72] MESHER, DAREL, CA
[71] TETRA TECH, INC., US
[22] 2015-05-29
[41] 2016-07-19
[30] US (62/104,886) 2015-01-19
[30] US (62/118,600) 2015-02-20

[21] **2,893,017**
[13] A1
[51] **Int.Cl. B61K 9/08 (2006.01)**
[25] EN
[54] **LIGHT EMISSION POWER CONTROL APPARATUS AND METHOD**
[54] **APPAREIL DE COMMANDE DE PUISSANCE D'EMISSION DE LUMIERE ET METHODE**
[72] MESHER, DAREL, CA
[71] TETRA TECH, INC., US
[22] 2015-05-29
[41] 2016-07-19
[30] US (62/104,888) 2015-01-19

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[21] **2,894,884**
[13] A1
[51] **Int.Cl. E02B 15/10 (2006.01) B01D 17/02 (2006.01) E02B 15/04 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SKIMMING A FLOATING LIQUID FROM A BODY OF WATER**
[54] **METHODE ET APPAREIL D'ENLEVEMENT DE LIQUIDE FLOTTANT D'UN PLAN D'EAU**
[72] SCHMIDT, LAWRENCE, CA
[71] SCHMIDT, LAWRENCE, CA
[22] 2015-06-22
[41] 2016-07-22
[30] CA (2879312) 2015-01-22

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[21] **2,897,865**
[13] A1
[51] **Int.Cl. A63H 17/26 (2006.01) A63H 17/14 (2006.01)**
[25] EN
[54] **TOY VEHICLE - DIGGER**
[54] **VEHICULE-JOUET DE TERRASSEMENT**
[72] SCHNEIDER, FRANK, DE
[72] EWRINGMANN, ULRICH, DE
[71] FRANZ SCHNEIDER GMBH & CO. KG, DE
[22] 2015-07-20
[41] 2016-07-23
[30] DE (10 2015 000 666.5) 2015-01-23

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[21] **2,899,783**
[13] A1
[51] **Int.Cl. A45F 3/16 (2006.01) B26B 11/00 (2006.01) B65D 25/00 (2006.01)**
[25] EN
[54] **WATER BOTTLE WITH SELF DEFENSE FEATURES**
[54] **BOUTEILLE D'EAU DOTEE DE FONCTIONNALITES D'AUTODEFENSE**
[72] KUMAR, ASMIN, CA
[71] KUMAR, ASMIN, CA
[22] 2015-08-06
[41] 2016-07-20
[30] US (14/600,575) 2015-01-20

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[21] **2,901,594**
[13] A1
[51] **Int.Cl. B25G 3/12 (2006.01) B25G 3/14 (2006.01) B25G 3/26 (2006.01)**
[25] EN
[54] **QUICK RELEASE IMPLEMENT**
[54] **ACCESSOIRE A DEGAGEMENT RAPIDE**
[72] CHALIFOUX, GABRIELLE P., CA
[71] CPA POOL PRODUCTS, INC., CA
[22] 2015-08-26
[41] 2016-07-23
[30] US (14/718,570) 2015-05-21
[30] US (62/107,147) 2015-01-23

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[21] **2,902,645**
[13] A1
[51] **Int.Cl. C02F 1/44 (2006.01) C02F 1/00 (2006.01) F16K 31/02 (2006.01)**
[25] EN
[54] **REMOTE CONTROL FAUCET FILTER SYSTEM**
[54] **SYSTEME DE FILTRE DE ROBINET TELECOMMANDE**
[72] MILLER, BRYAN, US
[72] QUINN, KERRY, US
[72] ANDERSON, DOUG, US
[72] SCHROECK, ZACH, US
[71] CULLIGAN INTERNATIONAL COMPANY, US
[22] 2015-09-01
[41] 2016-07-22
[30] US (14/602,854) 2015-01-22

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[21] **2,910,461**
[13] A1
[51] **Int.Cl. B22C 9/10 (2006.01) B22C 1/18 (2006.01) B22C 9/02 (2006.01) B22D 15/00 (2006.01)**
[25] EN
[54] **MANUFACTURING METHOD OF CORE AND CASTING PRODUCT USING INORGANIC BINDER**
[54] **METHODE DE FABRICATION DE PRODUIT PLEIN ET DE PRODUIT DE MOULAGE AU MOYEN DE LIANT INORGANIQUE**
[72] PARK, JEONG WOOK, KR
[72] KIM, WOO CHUN, KR
[72] KWON, KI MYOUNG, KR
[72] LEE, MAN SIG, KR
[72] KIM, MYUNG HWAN, KR
[72] BAE, MIN A., KR
[71] DR AXION CO., LTD., KR
[22] 2015-10-28
[41] 2016-07-20
[30] KR (10-2015-0009546) 2015-01-20

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[21] **2,910,696**
[13] A1
[51] **Int.Cl. G01L 19/06 (2006.01)**
[25] EN
[54] **PNEUMATIC FILTER**
[54] **FILTRE PNEUMATIQUE**
[72] DAUP, MICHAEL ROBERT, US
[72] SHERMAN, ANDREW, US
[71] ROSEMOUNT AEROSPACE, INC., US
[22] 2015-10-27
[41] 2016-07-21
[30] US (14/601,768) 2015-01-21

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[21] **2,910,890**
[13] A1
[51] **Int.Cl. F24C 15/36 (2006.01) F24C 15/00 (2006.01)**
[25] EN
[54] **HOME APPLIANCE HAVING AN AIR GAP INSULATOR**
[54] **ELECTROMENAGER COMPORTANT UN ESPACE D'AIR ISOLANT**
[72] BRADEN, BEN, US
[72] MOYERS, RICHARD, US
[72] RUSSELL, TIMOTHY, US
[72] RUTHERFORD, MICHAEL, US
[71] BSH HOME APPLIANCES CORPORATION, US
[71] BSH HAUSGERATE GMBH, DE
[22] 2015-11-02
[41] 2016-07-23
[30] US (14/603,472) 2015-01-23

[21] **2,910,893**
[13] A1
[51] **Int.Cl. F24C 15/32 (2006.01) F24C 15/34 (2006.01)**
[25] EN
[54] **HOME APPLIANCE HAVING A SIDE SHIELD**
[54] **ELECTROMENAGER DOTE D'UN PROTECTEUR LATERAL**
[72] BRADEN, BEN, US
[72] MOYERS, RICHARD, US
[72] RUSSELL, TIMOTHY, US
[72] RUTHERFORD, MICHAEL, US
[71] BSH HOME APPLIANCES CORPORATION, US
[71] BSH HAUSGERATE GMBH, DE
[22] 2015-11-02
[41] 2016-07-23
[30] US (14/603,473) 2015-01-23

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[21] **2,911,025**
[13] A1
[51] **Int.Cl. F24H 8/00 (2006.01) F24D 5/00 (2006.01) F24H 3/00 (2006.01) F28D 1/04 (2006.01)**
[25] EN
[54] **FOUR PASS HIGH EFFICIENCY FURNACE AND HEAT EXCHANGER**
[54] **CHAUDIERE HAUTE EFFICACITE A QUATRE PASSAGES ET ECHANGEUR THERMIQUE**
[72] BRUTON, ERIC R., US
[72] REESE, MATTHEW W., US
[72] SLABY, TERRANCE C., US
[71] HEATCO, INC, US
[22] 2015-11-03
[41] 2016-07-23
[30] US (62/106,933) 2015-01-23

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[21] **2,912,275**
[13] A1
[51] **Int.Cl. E21B 43/18 (2006.01) E21B 43/16 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ENHANCING THE RECOVERY OF HEAVY OIL FROM A RESERVOIR**
[54] **METHODE ET DISPOSITIF PERMETTANT D'AMELIORER LA RECUPERATION DE PETROLE LOURD D~UN RESERVOIR**
[72] HSU, SHENG-YUAN, US
[72] HODA, NAZISH, US
[72] ZHANG, ZHENGYU, US
[72] YALE, DAVID P., US
[72] HERBOLZHEIMER, ERIC, US
[72] CHAIKIN, PAUL M., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[22] 2015-11-18
[41] 2016-07-23
[30] US (62/107,162) 2015-01-23

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[21] **2,912,281**
[13] A1
[51] **Int.Cl. G05D 23/19 (2006.01) F24F 11/00 (2006.01)**
[25] EN
[54] **PROGRAMMABLE SMART THERMOSTAT**
[54] **THERMOSTAT INTELLIGENT PROGRAMMABLE**
[72] GOLDEN, KYLE, US
[72] CASTILLO, DANIEL, US
[72] MOWERY, KEITH, US
[72] CHARAVDA, JAYPRAKASH, US
[72] AMOROS, MELISSA, US
[72] KHIANI, SUNIL K., US
[72] LAZAR, STEVE, US
[71] LENNOX INDUSTRIES INC., US
[22] 2015-11-18
[41] 2016-07-19
[30] US (62,104,900) 2015-01-19

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[21] **2,912,301**
[13] A1
[51] **Int.Cl. E21B 43/18 (2006.01) E21B 43/20 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ENHANCING THE RECOVERY OF HEAVY OIL FROM A RESERVOIR**
[54] **METHODE ET DISPOSITIF PERMETTANT D'AMELIORER LA RECUPERATION DE PETROLE LOURD D~UN RESERVOIR**
[72] HODA, NAZISH, US
[72] HSU, SHENG-YUAN, US
[72] ZHANG, ZHENGYU, US
[72] MEIER, STEVEN W., US
[72] YALE, DAVID P., US
[72] KUSHNICK, ARNOLD P., US
[72] MOSER, DAVID J., US
[72] DALRYMPLE, DAVID C., US
[72] HERBOLZHEIMER, ERIC, US
[72] CHAIKIN, PAUL M., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[22] 2015-11-18
[41] 2016-07-23
[30] US (62/107,182) 2015-01-23

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[13] A1
[51] **Int.Cl. E21B 43/18 (2006.01) E21B 43/20 (2006.01)**
[25] EN
[54] **METHOD FOR ENHANCING THE RECOVERY OF HEAVY OIL**
[54] **PROCEDE DESTINE A L'AMELIORATION DE LA RECUPERATION DU PETROLE LOURD**
[72] HSU, SHENG-YUAN, US
[72] HODA, NAZISH, US
[72] ZHANG, ZHENGYU, US
[72] YALE, DAVID P., US
[72] WANG, JIANLIN, CA
[72] HERBOLZHEIMER, ERIC, US
[72] KLUSHNICK, ARNOLD P., US
[72] CHAIKIN, PAUL M., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[22] 2015-11-18
[41] 2016-07-23
[30] US (62/107,185) 2015-01-23

[21] **2,912,306**
[13] A1
[51] **Int.Cl. E21B 43/18 (2006.01) E21B 43/16 (2006.01) E21B 47/06 (2012.01)**
[25] EN
[54] **METHOD FOR ENHANCING STARTUP RECOVERY OF HEAVY OIL FROM A SUBSURFACE FORMATION**
[54] **PROCEDE DESTINE A AMELIORER LE DEMARRAGE DE LA RECUPERATION DE PETROLE LOURD D~UNE FORMATION EN SOUS-SURFACE**
[72] MEIER, STEVEN W., US
[72] WANG, JIANLIN, CA
[72] ZHANG, ZHENGYU, US
[72] YALE, DAVID P., US
[72] SAHOO, HEMANTKUMAR R., US
[72] HERBOLZHEIMER, ERIC, US
[72] KUSHNICK, ARNOLD P., US
[72] MOSER, DAVID J., US
[72] DALRYMPLE, DAVID C., US
[72] CHAIKIN, PAUL M., US
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[54] **METHODE ET DISPOSITIF PERMETTANT D'AMELIORER LA RECUPERATION DE PETROLE LOURD D~UN RESERVOIR**
[72] YALE, DAVID P., US
[72] MEIER, STEVEN W., US
[72] CHAIKIN, PAUL M., US
[72] ZHANG, ZHENGYU, US
[72] ADAIR, NEAL L., CA
[72] HERBOLZHEIMER, ERIC, US
[72] WANG, JIANLIN, CA
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[54] **RUBAN DE SECURITE DESTINE A LA DETECTION DE LIMITE INTRUSION/EXTRUSION**
[72] BEINHOCKER, GILBERT D., US
[71] 3D FUSE TECHNOLOGY INC., US
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[25] EN
[54] **SYSTEMS, METHODS, AND APPARATUS FOR AUTOMATED PREDICTIVE SHIMMING FOR LARGE STRUCTURES**
[54] **SYSTEMES, METHODES ET APPAREIL DE REGLAGE PREDICTIF AUTOMATISE POUR GRANDES STRUCTURES**
[72] VALENZUELA, DARIO, US
[72] BOYL-DAVIS, THEODORE M., US
[72] JONES, DARRELL D., US
[71] THE BOEING COMPANY, US
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[51] **Int.Cl. F25B 39/04 (2006.01)**
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[54] **UN MECANISME CONDENSEUR DOTE D'UN CONTROLEUR VENTILE ET UNE METHODE D'EXPLOITATION ASSOCIEE**
[72] ZOLLI, VINCE, CA
[72] MEAD, WILLIAM J., CA
[71] NATIONAL REFRIGERATION & AIR CONDITIONING CANADA CORP., CA
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[54] **DISPOSITIF DE TUBE RADIANT**
[72] HASSAN, SAMER, CA
[72] MERRITT, KEVIN, CA
[71] SUPERIOR RADIANT PRODUCTS LTD., CA
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[54] **METHOD FOR SETTING DIFFERENT TUNER AND HMI SETTINGS**
[54] **METHODE D'ETABLISSEMENT DE DIFFERENTS PARAMETRES DE SYNTONISATEUR ET D~IHM**
[72] BENZ, CHRISTOPH, DE
[72] GAMMERT, DOMINIK, DE
[72] BOTCHER, MATTHIAS, DE
[72] SCHMAUDERER, PHILIPP, DE
[71] HARMAN BECKER AUTOMOTIVE SYSTEMS GMBH, DE
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[54] **DISPOSITIF D'ALIGNEMENT DE TIGES POLIES**
[72] BOLSTAD, CLARENCE A., JR., US
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[54] **HAT MAKING KIT AND PACKAGING METHOD THEREFORE**
[54] **TROUSSE DE FABRICATION DE CHAPEAU ET METHODE DE CONDITIONNEMENT ASSOCIEE**
[72] LOMBARDI, DOMINICK, US
[72] SCHMITZ, LUIS CARLOS, BR
[71] THE DOLLFUS MIEG COMPANY, INC., US
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[54] **DISPOSITIF DE DEGIVRAGE DE PALE DE ROTOR D'UNE EOLIENNE**
[72] GAWRISCH, RUDIGER, DE
[72] PETERSEN, JENS, DE
[72] WARFEN, KARSTEN, DE
[72] FRIEDRICH, HANNES, DE
[71] SENVION GMBH, DE
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[54] **HIGH-TEMPERATURE, HIGH-PRESSURE VACUUM RELAY**
[54] **RELAIS A VIDE HAUTE PRESSION, HAUTE TEMPERATURE**
[72] BIRNIE, JASON, US
[72] FRIAS, JOSE, US
[72] GEISS, SUSANNE, US
[71] THOMAS & BETTS INTERNATIONAL, LLC, US
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[25] EN
[54] **PACKAGING MACHINE WITH A MAGNETIC MOVERS CONVEYOR**
[54] **MACHINE DE CONDITIONNEMENT DOTEE D'UNE BANDE DE TRANSPORT A ELEMENTS DE DEPLACEMENT MAGNETIQUES**
[72] BELLANTE, DANIELE, IT
[71] CAMA1 S.P.A., IT
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[25] EN
[54] **METHOD FOR DE-ICING A ROTOR BLADE OF A WIND TURBINE**
[54] **METHODE DE DEGIVRAGE D'UNE PALE DE ROTOR D'UNE EOLIENNE**
[72] RZEPKA, MAREK, DE
[72] SCHONFELD, KRISCHAN, DE
[72] BOLZ, JURGEN, DE
[72] WARFEN, KARSTEN, DE
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[54] **SYSTEMES ET METHODES D'ESTIMATION DE LA QUALITE DU CARBURANT DANS UN MOTEUR**
[72] MANN, SCOTT K., US
[72] BIZUB, JEFFREY JACOB, US
[72] SPAULDING, DENNIS JOHN, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **MECANISME DE COLLET A RESSORT SERVANT A ACTIVER UN EXTINCTEUR D~INCENDIE**
[72] FRASURE, DAVID, US
[72] PORTERFIELD, JOHN WRIGHT, US
[71] KIDDE TECHNOLOGIES, INC., US
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[54] **REAR GUARD ASSEMBLY**
[54] **DISPOSITIF DE PARECHOC ARRIERE**
[72] FRANIAK, NICHOLAS S., US
[72] MARTINDALE, NATHAN L., US
[71] WASTEQUIP, LLC, US
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[25] EN
[54] **LIGHT GAUGE STEEL BEAM-TO-COLUMN JOINT WITH YIELDING PANEL ZONE**
[54] **JOINT DE MONTANT-COLONNE EN ACIER LEGER COMPORTANT UNE ZONE DE PANNEAU MOBILE**
[72] KARNS, JESSE, US
[71] MITEK USA, INC., US
[22] 2016-01-08
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[54] **CHAISE DOTEE D'UNE STRUCTURE TENSION-COMPRESSION**
[72] CHIASSON, DAVID, CA
[71] CHIASSON, DAVID, CA
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[54] **MASQUE A OXYGENE**
[72] ANTONINI, MARCO SILVI, DE
[71] B/E AEROSPACE SYSTEMS GMBH, DE
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[54] **A METHOD TO INVOKE BACKUP INPUT OPERATION**
[54] **UNE METHODE VISANT A INVOQUER UNE OPERATION D'ENTREE DE SAUVEGARDE**
[72] GUO, GUANGHONG, US
[71] HONEYWELL INTERNATIONAL INC., US
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[54] **SYSTEM AND COMPONENTS FOR EVALUATING THE PERFORMANCE OF FIRE SAFETY PROTECTION DEVICES**
[54] **SYSTEME ET COMPOSANTES DESTINES A L'EVALUATION DU RENDEMENT DE DISPOSITIFS DE PROTECTION INCENDIE**
[72] YU, HONG-ZENG, US
[72] D'ANIELLO, STEPHEN P., US
[71] FACTORY MUTUAL INSURANCE COMPANY, US
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[54] **SYSTEME DE PANNEAUX DE PAREMENT OU DE TOITURE**
[72] MARTIN, JEFFREY B., US
[72] PARKS, JAMES C., US
[72] JACKSON, MATTHEW M., US
[72] KRUYER, RICHARD C., US
[72] MAURER, MICHAEL W., US
[72] FRANKLIN, DANIEL B., US
[71] TAPCO INTERNATIONAL CORPORATION, US
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[54] **CHARIOT SERVANT AU TRANSPORT DE MATELAS**
[72] JAN, FRANCIS G., US
[71] DREAMWELL, LTD., US
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[54] **SYSTEME ET METHODE D'ANALYSE EN TEMPS REEL ET D'ORIENTATION D'APPRENTISSAGE**
[72] BROWN, EMERY NEAL, US
[72] BA, DEMBA, US
[72] SMITH, ANNE CAROLINE, US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
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[54] **RESERVATIONS OPAQUES OPTIMISEES SELON LES REVENUS**
[72] CHEINET, ANTOINE, FR
[72] AMBOLET, PATRICE, FR
[72] MOUSLI, BRUNO, FR
[71] AMADEUS S.A.S., FR
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[54] **LASER MACHINING SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES D'USINAGE AU LASER**
[72] CHEN, HONGQIANG, US
[72] HAYASHI, STEVEN ROBERT, US
[72] ZHANG, XI, US
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[51] **Int.Cl. H02K 1/22 (2006.01) H02K 1/27 (2006.01)**
[25] EN
[54] **MAGNETIC MASS FOR ROTOR, ROTOR MANUFACTURING PROCESS AND CORRESPONDING ELECTRICAL MACHINE**
[54] **MASSE MAGNETIQUE POUR ROTOR, PROCEDE DE FABRICATION DE ROTOR ET MACHINE ELECTRIQUE CORRESPONDANTE**
[72] BITTERMANN, MATHIEU, FR
[72] LE FLEM, GRAHAM DEREK, GB
[71] GE ENERGY POWER CONVERSION TECHNOLOGY LTD, GB
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[25] EN
[54] **SYSTEM FOR MEASURING CONTACT FORCE IN A UTILITY METER**
[54] **MECANISME DE MESURE DE LA FORCE DE CONTACT DANS UN COMPTEUR DE SERVICE PUBLIC**
[72] CRITTENDEN, CURTIS WHITMORE, US
[71] GENERAL ELECTRIC COMPANY, US
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[25] EN
[54] **METHOD AND SYSTEM FOR A SHORT LENGTH JET PUMP WITH IMPROVED MIXING**
[54] **METHODE ET MECANISME DESTINES A UNE POMPE A JET COURTE PORTEE PERMETTANT D'AMELIORER LE MELANGE**
[72] MASON, JEFFREY LEE, US
[72] SCHOFIELD, RONALD BRUCE, US
[72] RAY, SETH MICHAEL, US
[72] SCHUMACHER, BENJAMIN JAMES, US
[72] BONAR, JAMES FITZGERALD, US
[72] MOORE, GEORGE ELLIOTT, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **DISPOSITIF D'ALIMENTATION EN COURANT CONTINU**
[72] TENCA, PIERLUIGI, US
[72] SIHLER, CHRISTOF MARTIN, US
[71] GENERAL ELECTRIC COMPANY, US
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[25] EN
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[54] **DISPOSITIF DE PROPULSION GAZ-ELECTRICITE DESTINE A UN AERONEF**
[72] HAMEL, JEFFREY ANTHONY, US
[72] MURROW, KURT DAVID, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **DRILL CUTTINGS CONVEYANCE SYSTEMS**
[54] **MECANISMES DE TRANSPORT DE DEBRIS DE FORAGE**
[72] BENDER, SHAWN, US
[72] BRENNEMAN, DONALD C., US
[71] BEITZEL CORPORATION, US
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[51] **Int.Cl. F23N 5/18 (2006.01)**
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[54] **DISPOSITIF DE REGULATION D'UN DISPOSITIF DE BRULEUR**
[72] BORN, THOMAS, DE
[72] SCHMIEDERER, BERND, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **INLINE PILOT WITH FLAME DETECTION DEVICE AND METHOD THEREOF**
[54] **PILOTE ALIGNE MUNI D'UN DISPOSITIF DE DETECTION DE FLAMME ET METHODE ASSOCIEE**
[72] LOVELESS, MARK R., US
[72] PARKS, MELVIN HAL, US
[72] HATCH, JUSTIN W., US
[72] PITCHER, STEPHEN N., US
[71] PROFIRE ENERGY, INC., US
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[54] **VALISE DE VOYAGE PLIABLE ROULANTE**
[72] MCGUIRE, BRIAN J., US
[72] BRUCE, RYAN, US
[71] KARSTEN MANUFACTURING CORPORATION, US
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING JOINTS**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DES JOINTS**
[72] STORY, BROOKS J., US
[72] WADSWORTH, SCOTT A., US
[72] PARRISH, WILLIAM R., US
[72] HERZBERG, URI, US
[72] TORRES, DONNA, US
[72] BYERS, BENJAMIN A., US
[72] HWANG, JULIA, US
[72] SU, DONGLING, US
[71] DEPUY SYNTHES PRODUCTS, INC., US
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[25] EN
[54] **HANGER SYSTEM**
[54] **SYSTEME DE SUPPORT**
[72] LANGE, ETHAN, US
[72] ANDREWS, COLIN, US
[72] HART, PAUL A., US
[71] ERICO INTERNATIONAL CORPORATION, US
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[51] **Int.Cl. F24F 11/00 (2006.01) F24D 19/10 (2006.01)**
[25] EN
[54] **A HVAC SYSTEM, A METHOD FOR OPERATING THE HVAC SYSTEM AND A HVAC CONTROLLER CONFIGURED FOR THE SAME**
[54] **UN SYSTEME CVCA, UNE METHODE D'EXPLOITATION DU SYSTEME CVCA ET UN CONTROLEUR CVCA CONFIGURE POUR LEDIT SYSTEME**
[72] HREJSA, PETER, US
[71] LENNOX INDUSTRIES INC., US
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[30] US (62/104,981) 2015-01-19
[30] US (14/991,180) 2016-01-08

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[51] **Int.Cl. F24F 11/00 (2006.01) F24F 3/14 (2006.01) F24F 3/16 (2006.01) F24F 11/08 (2006.01)**
[25] EN
[54] **AN HVAC SYSTEM AND AN HVAC CONTROLLER CONFIGURED TO OPERATE THE HVAC SYSTEM BASED ON AIR POLLUTANT DATA AND USER COMFORT**
[54] **UN SYSTEME CVCA ET UN CONTROLEUR CVCA CONFIGURE POUR FAIRE FONCTIONNER LE SYSTEME CVCA EN FONCTION DES DONNEES RELATIVES AUX POLLUANTS ATMOSPHERIQUES ET DU CONFORT DE L~UTILISATEUR**
[72] LYONS, KEVIN, US
[72] HREJSA, PETER, US
[72] GOLDEN, KYLE, US
[72] DOUGLAS, JONATHAN, US
[72] WOLOWICZ, THOMAS, US
[72] MANOHAR, SHAILESH, US
[71] LENNOX INDUSTRIES INC., US
[22] 2016-01-18
[41] 2016-07-19
[30] US (62/104,937) 2015-01-19
[30] US (14/993,539) 2016-01-12

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[13] A1
[51] **Int.Cl. A47J 31/00 (2006.01)**
[25] EN
[54] **MANUAL FROTHING DEVICE**
[54] **APPAREIL DE MOUSSAGE MANUEL**
[72] SHAW, DAVID, CA
[71] DAVIDSTEA INC., CA
[22] 2016-01-14
[41] 2016-07-19
[30] US (62/104,920) 2015-01-19

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[13] A1
[51] **Int.Cl. B25B 13/46 (2006.01)**
[25] EN
[54] **ELASTIC MEMBER RETENTION DEVICE FOR RATCHET MECHANISM**
[54] **DISPOSITIF DE RETENTION D'ELEMENT ELASTIQUE DESTINE A UN MECANISME A ROCHET**
[72] THOMPSON, CHRISTOPHER, US
[72] EGGERT, DANIEL M., US
[72] GUPTE, ANUP A., US
[71] SNAP-ON INCORPORATED, US
[22] 2016-01-18
[41] 2016-07-23
[30] US (62/107,011) 2015-01-23
[30] US (14/981,454) 2015-12-28

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[13] A1
[51] **Int.Cl. B64C 3/56 (2006.01) B64C 3/00 (2006.01)**
[25] EN
[54] **LATCH PIN ASSEMBLY FOR FOLDING WING TIP SYSTEM**
[54] **DISPOSITIF DE GOUPILLE DE VERROUILLAGE SERVANT A PLIER UN SYSTEME DE BOUT D~AILE**
[72] GOOD, MARK S., US
[72] JOKISCH, CHARLES E., US
[71] THE BOEING COMPANY, US
[22] 2016-01-18
[41] 2016-07-19
[30] US (62/105,127) 2015-01-19
[30] US (14/824,858) 2015-08-12

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[13] A1
[51] **Int.Cl. H01R 4/66 (2006.01) H02G 15/08 (2006.01)**
[25] EN
[54] **ELECTRICAL CONNECTOR HAVING GROUNDING MECHANISM**
[54] **CONNECTEUR ELECTRIQUE DOTE D'UN MECANISME DE MISE A LA TERRE**
[72] SIEBENS, LARRY N., US
[71] THOMAS & BETTS INTERNATIONAL, LLC, US
[22] 2016-01-18
[41] 2016-07-22
[30] US (14/602,874) 2015-01-22

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[13] A1
[51] **Int.Cl. C07C 2/08 (2006.01) C07C 11/02 (2006.01) C07C 11/08 (2006.01)**
[25] EN
[54] **COMBINED PREPARATION OF AT LEAST BUTENE AND OCTENE FROM ETHENE**
[54] **PREPARATION COMBINEE D'AU MOINS DU BUTENE ET DE L'OCTENE A PARTIR DE L'ETHENE**
[72] STOCHNIOL, GUIDO, DE
[72] PEITZ, STEPHAN, DE
[72] MASCHMEYER, DIETRICH, DE
[72] REEKER, HELENE, DE
[72] SCHALLENBERG, JORG, DE
[71] EVONIK DEGUSSA GMBH, DE
[22] 2016-01-18
[41] 2016-07-19
[30] EP (15 151 624.2) 2015-01-19

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[13] A1
[51] **Int.Cl. C07C 2/08 (2006.01) C07C 11/02 (2006.01) C07C 11/08 (2006.01)**
[25] EN
[54] **COMBINED PREPARATION OF BUTENE AND OCTENE FROM ETHENE**
[54] **PREPARATION COMBINEE DE BUTENE ET D'OCTENE A PARTIR D'ETHENE**
[72] STOCHNIOL, GUIDO, DE
[72] REEKER, HELENE, DE
[72] PEITZ, STEPHAN, DE
[72] MASCHMEYER, DIETRICH, DE
[72] SCHALLENBERG, JORG, DE
[72] ZANTHOFF, HORST-WERNER, DE
[72] HAGER, HARALD, DE
[71] EVONIK DEGUSSA GMBH, DE
[22] 2016-01-18
[41] 2016-07-19
[30] EP (15 151 621.8) 2015-01-19

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[13] A1
[51] **Int.Cl. F24H 3/00 (2006.01) F24H 3/06 (2006.01) F24H 9/20 (2006.01)**
[25] EN
[54] **FLAMELESS HEATER**
[54] **DISPOSITIF DE CHAUFFAGE SANS FLAMME**
[72] MENCEL, DAVE, US
[72] HANSON, MICHAEL, US
[72] LANE, JOHN, US
[72] ANDREAS, JUSTIN, US
[71] WACKER NEUSON PRODUCTION AMERICAS LLC, US
[22] 2016-01-19
[41] 2016-07-20
[30] US (62/105,541) 2015-01-20

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[51] **Int.Cl. G11C 16/10 (2006.01)**
[25] EN
[54] **HIGH SUM-RATE WRITE-ONCE MEMORY**
[54] **MEMOIRE A ECRITURE UNIQUE A TAUX DE SOMMATION ELEVE**
[72] HUA, JAY, CA
[72] YOUSEFI, SHAHRAM, CA
[71] QUEEN'S UNIVERSITY AT KINGSTON, CA
[22] 2016-01-18
[41] 2016-07-19
[30] US (62/104,911) 2015-01-19

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[13] A1
[51] **Int.Cl. B62K 13/00 (2006.01) B60W 40/13 (2012.01) B60F 5/00 (2006.01) B62M 29/00 (2006.01)**
[25] EN
[54] **VEHICLE SYSTEM AND METHOD**
[54] **SYSTEME DE VEHICULE ET METHODE**
[72] FLORCZAK, LISA, US
[72] FLORCZAK, PETER, US
[72] ROBERTS, CHARLES, US
[71] ICE BIKES OF BUFFALO LLC, US
[22] 2016-01-19
[41] 2016-07-19
[30] US (62/105,121) 2015-01-19
[30] US (14/996,898) 2016-01-15

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[13] A1
[51] **Int.Cl. C04B 35/71 (2006.01)**
[25] EN
[54] **EXTRUDABLE CERAMIC COMPOSITION AND METHOD OF MAKING**
[54] **COMPOSITION DE CERAMIQUE EXTRUDABLE ET METHODE DE FABRICATION**
[72] CROOKS, TAB HUNTER, US
[72] HENG, SANGVAVANN, US
[71] THE BOEING COMPANY, US
[22] 2016-01-19
[41] 2016-07-21
[30] US (14/602121) 2015-01-21

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[13] A1
[51] **Int.Cl. F21V 21/04 (2006.01)**
[25] EN
[54] **POT LIGHT ASSEMBLY**
[54] **APPAREIL D'ECLAIRAGE ENCASTRE**
[72] CUNDARI, GINO, CA
[72] BELMONTE, JOHN-PAUL, CA
[71] CUNDARI, GINO, CA
[71] BELMONTE, JOHN-PAUL, CA
[22] 2016-01-19
[41] 2016-07-19
[30] US (62/104979) 2015-01-19

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[21] **2,918,203**
[13] A1
[51] **Int.Cl. F16L 21/06 (2006.01) F16L 55/172 (2006.01)**
[25] EN
[54] **PIPE COUPLING CAPSULATION ASSEMBLY**
[54] **DISPOSITIF DE CAPSULAGE DE RACCORD DE TUYAU**
[72] CHIPROOT, AVI, IL
[71] ELIEZER KRAUSZ INDUSTRIAL DEVELOPMENT LTD., IL
[22] 2016-01-19
[41] 2016-07-19
[30] US (14/599,564) 2015-01-19

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[13] A1
[51] **Int.Cl. B30B 9/00 (2006.01) E21B 21/01 (2006.01) E21B 21/06 (2006.01)**
[25] EN
[54] **PRESS FOR DRILL CUTTINGS**
[54] **PRESSE DESTINEE AUX RESIDUS DE FORAGE**
[72] BARNETT, IAN, CA
[71] STRIVE ENERGY SERVICES INC., CA
[22] 2016-01-19
[41] 2016-07-20
[30] US (62/105,568) 2015-01-20

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[13] A1
[51] **Int.Cl. A01D 87/12 (2006.01)**
[25] EN
[54] **DRAWBAR ADAPTER FOR CONNECTING AN IMPLEMENT IN TOWING RELATIONSHIP WITH A SPEAR-TYPE BALE CARRIER**
[54] **ADAPTATEUR DE BARRE D'ATTELAGE SERVANT A RELIER UN ACCESSOIRE EN RELATION DE REMORQUAGE AVEC UN PORTE-BALLOT DE TYPE FLECHE**
[72] BOILEAU, FELIX LOUIS, CA
[71] BOILEAU, FELIX LOUIS, CA
[22] 2016-01-19
[41] 2016-07-19
[30] US (62/104,928) 2015-01-19

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[13] A1
[51] **Int.Cl. A61M 39/26 (2006.01) A61M 39/10 (2006.01)**
[25] EN
[54] **VALVED MALE LUER CONNECTOR**
[54] **CONNECTEUR LUER MALE A SOUPAPE**
[72] GUALA, GIANNI, IT
[71] INDUSTRIE BORLA S.P.A., IT
[22] 2016-01-20
[41] 2016-07-21
[30] IT (T02015A000045) 2015-01-21

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[13] A1
[51] **Int.Cl. A61J 3/00 (2006.01) A61J 1/20 (2006.01) A61K 51/02 (2006.01)**
[25] EN
[54] **UNIT DOSE PRODUCTION OF RADIOPHARMACEUTICAL IN FUNCTIONAL IMAGING**
[54] **PRODUCTION DE DOSE UNIQUE DE PRODUIT RADIOPHAMACEUTIQUE DESTINE A L~IMAGERIE FONCTIONNELLE**
[72] BINGHAM, DANNY, US
[72] NAZERIAS, MICHAEL, US
[72] WEBSTER, ERIC, US
[72] ZIGLER, STEVEN, US
[71] SIEMENS MEDICAL SOLUTIONS USA, INC., US
[22] 2016-01-20
[41] 2016-07-22
[30] US (14/602,304) 2015-01-22

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[13] A1
[51] **Int.Cl. E21B 34/06 (2006.01)**
[25] EN
[54] **BURST PORT SUB WITH DISSOLVABLE BARRIER**
[54] **DISPOSITIF D'OUVERTURE D'ORIFICE D'EXPLOSION DOTE D'UNE BARRIERE SOLUBLE**
[72] BELLAVANCE, MIKE, CA
[72] ATKINSON, TODD, CA
[72] SORHEIM, TORE, NO
[71] TRICAN COMPLETION SOLUTIONS LTD, CA
[22] 2016-01-20
[41] 2016-07-21
[30] US (62/105,993) 2015-01-21

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[13] A1
[51] **Int.Cl. B65D 51/24 (2006.01)**
[25] EN
[54] **PIERCING FITMENT ASSEMBLY FOR FLEXIBLE CONTAINER**
[54] **DISPOSITIF ADAPTATEUR DE PERCAGE POUR CONTENANT FLEXIBLE**
[72] JOHNSON, JAMES W., US
[71] LIQUI-BOX CORPORATION, US
[22] 2016-01-21
[41] 2016-07-21
[30] US (62/105,806) 2015-01-21

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[13] A1
[51] **Int.Cl. F17C 13/04 (2006.01) F16K 5/06 (2006.01) F16K 5/20 (2006.01)**
[25] EN
[54] **GAS CYLINDER VALVE**
[54] **SOUPAPE DE BOUTEILLE DE GAZ**
[72] CARTER, STEPHEN ALAN, CA
[71] LUXFER CANADA LIMITED, CA
[22] 2016-01-20
[41] 2016-07-20
[30] US (14/600,567) 2015-01-20
[30] CA (2,878,618) 2015-01-20

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[13] A1
[51] **Int.Cl. E21B 23/10 (2006.01) E21B 43/26 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR WELL COMPLETION**
[54] **PROCEDE ET APPAREIL DE COMPLETION DE PUITS**
[72] INGRAHAM, DEREK, GB
[72] HENRIKSEN, HAROLD LANDMARK, US
[72] MIRANDA, RODRIGO AVILES, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2016-01-21
[41] 2016-07-22
[30] US (62/106,574) 2015-01-22
[30] US (14/997,639) 2016-01-18

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[13] A1
[51] **Int.Cl. B01D 46/42 (2006.01) B01D 35/143 (2006.01) F24F 13/28 (2006.01)**
[25] FR
[54] **PROCESS FOR DETERMINING THE FOULING RATE OF AT LEAST ONE FILTER IN A VENTILATION SYSTEM AND ASSOCIATED VENTILATION SYSTEM**
[54] **PROCEDE DE DETERMINATION DU TAUX D'ENCRASSEMENT D'AU MOINS UN FILTRE D'UN SYSTEME DE VENTILATION ET SYSTEME DE VENTILATION ASSOCIE**
[72] BUSEYNE, SERGE, FR
[72] LABAUME, DAMIEN, FR
[71] ALDES AERAULIQUE, FR
[22] 2016-01-20
[41] 2016-07-21
[30] FR (15/50460) 2015-01-21

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[13] A1
[51] **Int.Cl. B65D 19/28 (2006.01)**
[25] EN
[54] **LOADING PALLET FOR TRANSPORTING LONG OBJECT**
[54] **PALLETTE DE CHARGEMENT SERVANT A TRANSPORTER UN OBJET LONG**
[72] SIM, JAE SIN, KR
[71] PYEONG GANG INC, KR
[22] 2016-01-20
[41] 2016-07-23
[30] KR (10-2015-0011628) 2015-01-23

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[13] A1
[51] **Int.Cl. C10L 3/10 (2006.01)**
[25] EN
[54] **IMPROVED SEPARATION OF HEAVY HYDROCARBONS AND NGLS FROM NATURAL GAS IN INTEGRATION WITH LIQUEFACTION OF NATURAL GAS**
[54] **SEPARATION AMELIOREE D'HYDROCARBURES LOURDS ET DE FLUX DE GAZ NATUREL LIQUEFIE INTEGREE A LA LIQUEFACTION DU GAZ NATUREL**
[72] TRUONG, TIMOTHY, US
[72] KRISHNAMURTHY, GOWRI, US
[72] ROBERTS, MARK JULIAN, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2016-01-22
[41] 2016-07-23
[30] US (14/604,030) 2015-01-23

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[51] **Int.Cl. C02F 9/12 (2006.01)**
[25] EN
[54] **ADVANCED OXIDATION PROCESS FOR EX-SITU GROUNDWATER REMEDIATION**
[54] **PROCEDE D'OXYDATION AVANCE POUR RETABLISSEMENT D'EAUX SOUTERRAINES HORS SITE**
[72] WOOD, JONATHAN H., US
[72] SZCZESNIAK, ADAM, US
[72] COULTER, BRUCE LEE, US
[72] HALL, CHRISTOPHER, US
[72] DOUNG, SEVANG, US
[71] EVOQUA WATER TECHNOLOGIES LLC, US
[22] 2016-01-21
[41] 2016-07-21
[30] US (62/105,811) 2015-01-21
[30] US (62/203,644) 2015-08-11

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[13] A1
[51] **Int.Cl. E21B 43/14 (2006.01) E21B 7/04 (2006.01) E21B 7/08 (2006.01) E21B 33/14 (2006.01) E21B 43/25 (2006.01)**
[25] EN
[54] **MULTI-SIDETRACKED WELLBORE**
[54] **PUITS DE FORAGE A MULTIPLES CANAUX LATERAUX**
[72] FONTENOT, KYLE R., US
[72] WIENS, MATTHEW R., US
[71] CONOCOPHILLIPS COMPANY, US
[22] 2016-01-21
[41] 2016-07-22
[30] US (62/106,288) 2015-01-22

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[13] A1
[51] **Int.Cl. B24B 33/08 (2006.01)**
[25] FR
[54] **HONING TOOL FOR THE EXTERNAL SURFACE OF A STRAIGHT CYLINDRICAL TUBE**
[54] **OUTIL DE RODAGE D'UNE SURFACE EXTERNE D'UN TUBE CYLINDRIQUE DROIT**
[72] LABELLE, NORMAND, CA
[72] CACERES, ALAN, CA
[72] NGUYEN, NHU, CA
[71] MESSIER-BUGATTI-DOWTY, FR
[22] 2016-01-21
[41] 2016-07-23
[30] FR (15 50558) 2015-01-23

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[13] A1
[51] **Int.Cl. E01C 11/26 (2006.01) E01C 9/00 (2006.01)**
[25] EN
[54] **DE-ICING PAVING TILE**
[54] **TUILE DE PAVAGE DEGIVRANTE**
[72] CALINESCU, THEODOR, CA
[72] MARCUS, JONATHAN, CA
[71] CALINESCU, THEODOR, CA
[71] MARCUS, JONATHAN, CA
[22] 2016-01-21
[41] 2016-07-21
[30] US (62/105,930) 2015-01-21

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[13] A1
[51] **Int.Cl. F23L 17/02 (2006.01) F24F 13/06 (2006.01)**
[25] EN
[54] **THROTTLED DIRECT VENT TERMINATION**
[54] **TERMINAISON D'EVENT DIRECT A ETRANGLEUR**
[72] BERTLER, MATTHEW L., US
[72] DEVINE, RYAN L., US
[71] M&G DURAVENT, INC., US
[22] 2016-01-22
[41] 2016-07-23
[30] US (14/603,815) 2015-01-23

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[13] A1
[51] **Int.Cl. H04L 12/26 (2006.01) H04L 9/32 (2006.01) H04L 12/22 (2006.01)**
[25] EN
[54] **DETERMINING AN INDICATOR OF AGGREGATE, ONLINE SECURITY FITNESS**
[54] **DETERMINATION D'UN INDICATEUR D'AGREGAT, ADAPTABILITE A LA SECURITE EN LIGNE**
[72] HUBING, MATTHEW JAMES, US
[72] PATEL, PRERAK, US
[72] JACKSON, MASON RAY, US
[72] CHURCHILL, THOMAS PHAIR, US
[72] GUNNA, SAI KRISHNA REDDY, US
[72] FOLEY, THEO PATRICK, US
[71] FMR LLC, US
[22] 2016-01-25
[41] 2016-07-23
[30] US (14/604,512) 2015-01-23

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[13] A1
[51] **Int.Cl. F24F 13/02 (2006.01) F16L 59/14 (2006.01)**
[25] EN
[54] **INSULATED PANEL ASSEMBLY**
[54] **DISPOSITIF DE PANNEAU ISOLE**
[72] CARLYON, ZEKE, US
[71] MITEK HOLDINGS, INC., US
[22] 2016-01-25
[41] 2016-07-23
[30] US (62/106,858) 2015-01-23

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[13] A1
[51] **Int.Cl. A63B 59/70 (2015.01)**
[25] EN
[54] **HOCKEY-STICK BLADE WITH REINFORCING FRAME**
[54] **LAME DE BATON DE HOCKEY EQUIPEE D'UN CADRE DE RENFORT**
[72] DAVIS, STEPHEN J., US
[71] EASTON HOCKEY, INC., US
[22] 2016-01-22
[41] 2016-07-23
[30] US (14/604,571) 2015-01-23

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[13] A1
[51] **Int.Cl. B64D 13/08 (2006.01) B64D 13/00 (2006.01)**
[25] EN
[54] **RAM AIR FLOW MODULATION VALVE**
[54] **REGULATEUR DE CIRCULATION D'AIR POUSSEUR**
[72] MCAULIFFE, CHRISTOPHER, US
[72] ARMY, DONALD E., JR., US
[71] HAMILTON SUNDSTRAND CORPORATION, US
[22] 2016-01-22
[41] 2016-07-23
[30] US (14/603,608) 2015-01-23

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[13] A1
[51] **Int.Cl. H04W 4/16 (2009.01) H04W 4/14 (2009.01) G06Q 30/02 (2012.01) H04M 3/527 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CALL BACKUP AND TAKEOVER USING WEB AND MOBILE INTERFACES**
[54] **SYSTEMES ET METHODES DE GARDE D'APPEL ET DE REPRISE S'APPUYANT SUR DES INTERFACES WEB ET MOBILES**
[72] GRAY, JEFFREY W., US
[72] TITLE, BRADLEY, US
[71] GUBAGOO, US
[22] 2016-01-22
[41] 2016-07-22
[30] US (62/106,688) 2015-01-22

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[13] A1
[51] **Int.Cl. H04L 29/02 (2006.01) H04W 4/18 (2009.01) H04W 80/02 (2009.01) H04L 12/18 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DATA CONVERSION**
[54] **SYSTEME ET METHODE DE CONVERSION DE DONNEES**
[72] JOHNSON, DOUGLAS A., US
[71] BLACK TANK LLC, US
[22] 2016-01-21
[41] 2016-07-23
[30] US (62/106,923) 2015-01-23

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[13] A1
[51] **Int.Cl. E01H 5/02 (2006.01) A46B 15/00 (2006.01)**
[25] EN
[54] **SNOW SHOVEL WITH BRUSH ASSEMBLY**
[54] **PELLE A NEIGE DOTEE D'UN BALAI**
[72] REID, MICHAEL E., CA
[72] LOW, JULIAN, CA
[71] REID, MICHAEL E., CA
[71] LOW, JULIAN, CA
[22] 2016-01-22
[41] 2016-07-22
[30] US (14/602,441) 2015-01-22

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[13] A1
[51] **Int.Cl. A63B 69/00 (2006.01) A63B 71/00 (2006.01) G06F 17/30 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ATHLETE ASSESSMENT AND TEAM SELECTION**
[54] **SYSTEME ET METHODE D'EVALUATION D'ATHLETE ET DE SELECTION D'EQUIPE**
[72] ANDERSON, NEIL, CA
[71] ANDERSON, NEIL, CA
[22] 2016-01-21
[41] 2016-07-21
[30] CA (2879027) 2015-01-21

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[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) G06F 15/18 (2006.01)**
[25] EN
[54] **AUTOMATIC COMPUTATION OF KEYWORD BIDS FOR PAY-PER-CLICK ADVERTISING CAMPAIGNS AND METHODS AND SYSTEMS INCORPORATING THE SAME**
[54] **CALCUL AUTOMATIQUE DE TENTATIVES DE MOT-CLE DESTINE AUX CAMPAGNES PUBLICITAIRES AU COUT PAR CLIC, ET METHODES ET SYSTEMES L~INTEGRANT**
[72] MAILIK, HASSAN, US
[72] SUN, SIMING, US
[71] DEALER DOT COM, INC., US
[22] 2016-01-22
[41] 2016-07-22
[30] US (62/106,257) 2015-01-22

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[54] **CHAUDIERE DE CONDENSATION ALIMENTEE INDIRECTEMENT AU GAZ**
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[72] REESE, MATTHEW W., US
[72] SLABY, TERRANCE C., US
[71] HEATCO, INC, US
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[54] **CHAUDIERE A MARGE DE REGLAGE ELEVEE, HAUTE EFFICACITE**
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[72] REESE, MATTHEW W., US
[72] SLABY, TERRANCE C., US
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[54] **COLLECTE DE ROCHES ET DISPOSITIF DE DEGAGEMENT DE ROCHES**
[72] TOCHER, ANGUS, CA
[71] TOCHER, ANGUS, CA
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[54] **IMITATION CANDLE DEVICE WITH ENHANCED CONTROL FEATURES**
[54] **DISPOSITIF IMITANT UNE CHANDELLE DOTE DE CARACTERISTIQUES DE COMMANDE AMELIOREES**
[72] LI, XIAOFENG, CN
[71] LI, XIAOFENG, CN
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[54] **PRESSE MODULAIRE**
[72] POPE, SAMUEL TAYLOR, US
[72] MEEKER, LAURA HART, US
[72] BULLION, CONRAD, US
[72] O'CONNELL, KEVIN K., US
[71] USNR/KOCKUMS CANCAR COMPANY, US
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[54] **MONORAIL GUIDE WHEEL WITH INTEGRAL RETENTION DEVICE**
[54] **ROUE GUIDE DE MONORAIL DOTEE D'UN DISPOSITIF DE RETENTION INTEGRAL**
[72] MITEA, IULIAN, CA
[72] TIMAN, PETER EDWARD, CA
[72] MCLEOD, ADAM, CA
[71] BOMBARDIER TRANSPORTATION GMBH, DE
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[54] **ECHANGE UTILISATEUR-UTILISATEUR FONDE SUR UN RESEAU**
[72] YOUSSEF, EHAB, US
[71] YOUSSEF, EHAB, US
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[54] **HEAT SOURCE-FREE FIBER POSITIONING AND ORIENTING SYSTEM FOR SEEPAGE OF SUBMERGED OR PARTIALLY-SUBMERGED STRUCTURES AND MONITORING METHOD THEREOF**
[54] **SYSTEME D'ORIENTATION ET DE POSITIONNEMENT DE FIBRE SANS SOURCE DE CHALEUR POUR INFILTRATION DE STRUCTURES SUBMERGEES OU PARTIELLEMENT SUBMERGEES ET PROCEDE DE SURVEILLANCE DE CELUI-CI**
[72] SU, HUAIZHI, CN
[72] YANG, MENG, CN
[72] LI, HAO, CN
[72] LI, XING, CN
[72] FU, ZHAOQING, CN
[71] HOHAI UNIVERSITY, CN
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[54] **METHODE ET APPAREIL SERVANT A PRESENTER VISUELLEMENT LE PRECHARGEMENT DE DONNEES**
[72] EKSTRAND, SIMON, SE
[72] LIU, ZHILIN, SE
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[71] EKSTRAND, SIMON, SE
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[54] **SYSTEME SUPERCONTINUUM A FIBRES A CRISTAL PHOTONIQUE MICROSTRUCTUREES A BASE DE VERRE AU FLUORURE**
[72] JIANG, XIN, DE
[72] BABIC, FEHIM, DE
[72] JOLY, NICOLAS Y., DE
[72] RUSSELL, PHILIP ST.J., DE
[71] MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V., DE
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[54] **INDICATEUR DE LA QUALITE DE L'AIR**
[72] FOX, ANDREW R., US
[72] XIN, LIMING, CN
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **CAPSULE ET SYSTEME DE PREPARATION D'UNE BOISSON**
[72] DOGLIONI MAJER, LUCA, IT
[71] TUTTOESPRESSO S.R.L., IT
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[54] **CHARNIERE A DOUBLE ACTION**
[72] MAK, CHI YIN, CN
[71] C.M. PRODUCTS LIMITED, CN
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[54] **IMPROVED GELATINE COMPOSITION**
[54] **COMPOSITION DE GELATINE AMELIOREE**
[72] STEVENS, PAUL, BE
[72] CAPDEPON, CLAUDE, FR
[72] VERHEYE, IVO JOZEF GEORGES SIMONNE, BE
[71] ROUSSELOT B.V., NL
[85] 2016-06-15
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[54] **MEANS AND METHODS FOR COUNTERACTING MYELOPROLIFERATIVE OR LYMPHOPROLIFERATIVE DISORDERS**
[54] **MOYENS ET METHODES PERMETTANT DE LUTTER CONTRE DES TROUBLES MYELOPROLIFERATIFS OU LYMPHOPROLIFERATIFS**
[72] SPITS, HERGEN, NL
[72] BEAUMONT, TIM, NL
[72] GILLISSEN, MARIJN ALETTA, NL
[72] BAKKER, ADRIANUS QUIRINUS, NL
[72] HAZENBERG, METTE DEBORAH, NL
[71] AIMM THERAPEUTICS B.V., NL
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[25] EN
[54] **METHODS OF APPLYING CHROMIUM DIFFUSION COATINGS ONTO SELECTIVE REGIONS OF A COMPONENT**
[54] **PROCEDES D'APPLICATION DE REVETEMENTS DE DIFFUSION DE CHROME SUR DES REGIONS SELECTIVES D'UN ELEMENT**
[72] TANG, ZHIHONG, US
[72] GARING, KEVIN E., US
[72] FINDLAY, THOMAS D., GB
[72] LEWIS, THOMAS F., US
[72] KNAPP, JAMES K., US
[71] PRAXAIR S.T. TECHNOLOGY, INC., US
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[54] **ONE COMPONENT FIBRIN GLUE COMPRISING ZYMOGENS**
[54] **COLLE DE FIBRINE MONOCOMPOSANT COMPRENANT DES ZYMOGENES**
[72] PILPEL, YAIR, IL
[72] DEANGLIS, ASHLEY, US
[72] ZHERDEV, YURI, IL
[72] DORON, SIVAN, IL
[72] GORMAN, ANNE, US
[72] NUR, ISRAEL, IL
[71] OMRIX BIOPHARMACEUTICALS LTD., IL
[71] ETHICON, INC., US
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[54] **METHOD TO PROTECT LIPOPHILIC NUTRIENTS AGAINST RUMINAL DEGRADATION**
[54] **PROCEDE POUR PROTEGER DES NUTRIMENTS LIPOPHILES CONTRE LA DEGRADATION RUMINALE**
[72] FIEVEZ, VEERLE, BE
[72] GADEYNE, FREDERIK, BE
[72] VAN RANST, GIJS, BE
[71] UNIVERSITEIT GENT, BE
[85] 2016-06-17
[86] 2014-12-18 (PCT/EP2014/078525)
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[25] EN
[54] **WELLBORE INSTALLATION APPARATUS AND ASSOCIATED METHODS**
[54] **APPAREIL D'INSTALLATION DE PUITS DE FORAGE ET PROCEDES ASSOCIES**
[72] ELLISON, STUART, GB
[71] ENOVATE SYSTEMS LIMITED, GB
[85] 2016-06-17
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[54] **PERSONAL GROOMING APPLIANCE**
[54] **APPAREIL DE TOILETTE PERSONNELLE**
[72] SIMETH, MARTIN, DE
[71] BRAUN GMBH, DE
[85] 2016-06-17
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[51] **Int.Cl. C08L 1/02 (2006.01) C08H 8/00 (2010.01) B82Y 40/00 (2011.01) D21C 9/10 (2006.01)**
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[54] **METHOD FOR PRODUCTION OF CELLULOSE NANOCRYSTALS FROM MISCANTHUS GIGANTEUS AND COMPOSITES THEREFROM**
[54] **PROCEDE DE PRODUCTION DE NANOCRISTAUX DE CELLULOSE A PARTIR DE MISCANTHUS GIGANTEUS ET COMPOSITES ASSOCIES**
[72] ROWAN, STUART, US
[72] HUNSEN, MO, US
[72] WAY, AMANDA, US
[71] CASE WESTERN RESERVE UNIVERSITY, US
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[54] **MICROBICIDAL POLYMERS AND METHODS OF USE THEREOF**
[54] **POLYMERES MICROBICIDES ET LEURS PROCEDES D'UTILISATION**
[72] NASSAR, ROGER A., US
[72] YOUNG, SHIRLEY, US
[72] CHIATTELLO, MARION L., US
[72] OMAN, MARK, US
[71] XMICROBIAL, LLC, US
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[54] **ANTIMICROBIAL SUBSTRATES AND METHODS OF USE THEREOF**
[54] **SUBSTRATS ANTIMICROBIENS ET LEURS PROCEDES D'UTILISATION**
[72] NASSAR, ROGER A., US
[72] YOUNG, SHIRLEY, US
[72] CHIATTELLO, MARION L., US
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[71] XMICROBIAL, LLC, US
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[25] EN
[54] **COMPOSITION COMPRISING PARAFFIN FRACTIONS OBTAINED FROM BIOLOGICAL RAW MATERIALS AND METHOD OF PRODUCING SAME**
[54] **COMPOSITION RENFERMANT DES FRACTIONS DE PARAFFINE OBTENUES A PARTIR DE MATIERES PREMIERES BIOLOGIQUES ET SON PROCEDE DE PREPARATION**
[72] AALTO, PEKKA, FI
[72] SANDBERG, KATI, FI
[72] NYMAN, TOMI, FI
[72] HAKOLA, MAIJA, FI
[71] NESTE OYJ, FI
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[54] **RACCORD DOUBLE FEMELLE ORIENTABLE DE FOND DE TROU**
[72] HANTON, JOHN, GB
[72] GRAEME, THOMAS MARR, GB
[72] LASATER, JEFFREY B., US
[71] TERCEL IP LIMITED, VG
[85] 2016-06-21
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[54] **PANNEAU DE PLANCHER DESTINE A LA FORMATION D'UN REVETEMENT DE PLANCHER**
[72] CAPPELLE, MARK, BE
[72] DEVOS, PIETER, BE
[71] FLOORING INDUSTRIES LIMITED, SARL, LU
[85] 2016-06-21
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[54] **NEW STRAINS OF THE GENUS LACTOBACILLUS AND USE THEREOF**
[54] **NOUVELLES SOUCHES DU GENE LACTOBACILLUS ET UTILISATION DE CELLES-CI**
[72] □EME, HELENA, SI
[72] □TEMPELJ, MATEJA, SI
[72] □VIGELJ, KARMEN, SI
[72] SEME, HELENA, SI
[72] FUJS, STEFAN, SI
[72] PETKOVIC, HVROJE, SI
[72] KOSEC, GREGOR, SI
[72] STEMPELJ, MATEJA, SI
[72] SVIGELJ, KARMEN, SI
[72] STRNAD, TONE, SI
[72] GJURACIC, KRESIMIR, HR
[71] MEDIS, D.O.O., SI
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[54] **UTILISATIONS D'OLIGOURONATES POUR LE TRAITEMENT DE CANCER**
[72] TAYLOR NORDGARD, CATHERINE, NO
[72] DRAGET, KURT, NO
[71] NORWEGIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY, NO
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[54] **MODIFIED SLURRY COMPOSITIONS FOR FORMING IMPROVED CHROMIUM DIFFUSION COATINGS**
[54] **COMPOSITIONS DE BOUE MODIFIEES POUR FORMER DES REVETEMENTS DE DIFFUSION DE CHROME AMELIORES**
[72] TANG, ZHIHONG, US
[72] GARING, KEVIN E., US
[72] FINDLAY, THOMAS D., GB
[72] LEWIS, THOMAS F., US
[72] KNAPP, JAMES K., US
[71] PRAXAIR S.T. TECHNOLOGY, INC., US
[85] 2016-06-22
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[54] **NOVEL ANTI-BAFF ANTIBODIES**
[54] **NOUVEAUX ANTICORPS ANTI-BAFF**
[72] BRODEUR, SCOTT RONALD, US
[72] CANADA, KEITH, US
[72] GUPTA, PANKAJ, US
[72] NICOLETTI, AMY MARIE, US
[72] PAN, QI, US
[72] SINGH, SANJAYA, US
[72] DZIEGELEWSKI, MICHAEL, US
[72] GORMAN, PHILIP NICHOLAS, US
[72] KHALIL, ASHRAF, US
[72] MIGLIETTA, JOHN, US
[72] PRESKY, DAVID, US
[72] WU, TAO, US
[72] XIAO, HAIGUANG, US
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2016-06-22
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[25] FR
[54] **USE OF AN ENZYMATIC COMPOSITION IN THE FEED OF RUMINANTS**
[54] **UTILISATION D'UNE COMPOSITION ENZYMATIQUE DANS L'ALIMENTATION DES RUMINANTS**
[72] DELORD, BENOIT, FR
[72] TOURNAT, MATHIEU, FR
[71] ETABLISSEMENTS J. SOUFFLET, FR
[85] 2016-06-22
[86] 2015-01-27 (PCT/EP2015/051621)
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[30] FR (1450650) 2014-01-27

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[54] **DISPOSITIF D'ACCOUPLEMENT D'ELEMENT DE TRAIN DE TIGES**
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[72] LINDBLOM, ANDERS, SE
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
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[54] **PLANTS WITH ENHANCED PHOTOSYNTHESIS AND METHODS OF MANUFACTURE THEREOF**
[54] **PLANTES DOTEES D'UNE PHOTOSYNTHESE AMELIOREE ET PROCEDES POUR LES PRODUIRE**
[72] SCHNELL, DANNY J., US
[72] CANAKCI, MINE O., US
[72] PAULOSE, BIBIN, US
[72] DACOSTA, MICHELLE, US
[71] THE UNIVERSITY OF MASSACHUSETTS, US
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[54] **PROCEDE D'OXYCOMBUSTION SOUS PRESSION**
[72] MALAVASI, MASSIMO, IT
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[71] ITEA S.P.A., IT
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[54] **DEVICE FOR PREPARATION OF GELATIN-BASED PRODUCTS**
[54] **DISPOSITIF POUR LA PREPARATION DE PRODUITS A BASE DE GELATINE**
[72] JETTON, JEFF, US
[72] GURSKI, THOMAS, US
[72] GRAVES, IAN, US
[72] COVEY, JASON, US
[72] RIVERS, KEVIN, US
[72] KENNEDY, BRIAN, US
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[54] **AROMA-RETAINING SOLUBLE COFFEE**
[54] **CAFE SOLUBLE CONSERVANT LES AROMES**
[72] DE KOK, PETRUS MARIA THERESIA, NL
[72] OOSTERVELD, ALEXANDER, NL
[72] HEIJMAN, GERTJAN, NL
[71] KONINKLIJKE DOUWE EGBERTS B.V., NL
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[54] **ANALYSIS OF NUCLEIC ACIDS ASSOCIATED WITH SINGLE CELLS USING NUCLEIC ACID BARCODES**
[54] **ANALYSE D'ACIDES NUCLEIQUES ASSOCIES A DES CELLULES INDIVIDUELLES A L'AIDE DE CODES-BARRES D'ACIDES NUCLEIQUES**
[72] TAN, YANN CHONG, US
[72] WITHEY, GARY, US
[71] ATRECA, INC., US
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[54] **BEVERAGE CARTRIDGE HOLDER WITH MOVABLE OUTLET**
[54] **SUPPORT DE CARTOUCHE DE BOISSON A ORIFICE DE SORTIE MOBILE**
[72] SMITH, GEOFFREY Y., US
[72] BRODIE, JONATHAN ALEXANDER, US
[72] FOSTER, STUART JAY, US
[72] SHEPARD, JAMES E., US
[72] RABINO, YOAV, US
[72] TINKLER, IAN, US
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[54] **METHOD FOR PRODUCING GRANULAR POLYSILICON**
[54] **PROCEDE DE PRODUCTION DE POLYSILICIUM GRANULAIRE**
[72] HAUSWIRTH, RAINER, DE
[72] ENGGRUBER, ROBERT, DE
[71] WACKER CHEMIE AG, DE
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[25] EN
[54] **SYSTEM AND METHOD FOR POWERING AN ELECTRIC VEHICLE ON A ROAD**
[54] **SYSTEME ET PROCEDE D'ALIMENTATION D'UN VEHICULE ELECTRIQUE SUR UNE ROUTE**
[72] COHEN DERFLER, JENNY, IL
[72] RUMBAK, HANAN, IL
[72] EZER, OREN, IL
[71] ELECTRIC ROAD LTD., IL
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[54] **PRIVACY FILTERING OF REQUESTED USER DATA AND CONTEXT ACTIVATED PRIVACY MODES**
[54] **FILTRAGE DE CONFIDENTIALITE POUR DES DONNEES UTILISATEUR DEMANDEES, ET MODES DE CONFIDENTIALITE ACTIVES SELON LE CONTEXTE**
[72] HAMILTON, COLLEEN, US
[72] HOWARD, ROBERT, US
[72] CLARK, LEE DICKS, US
[72] YOVIN, JOHN, US
[72] BROWN, SHAWN, US
[72] MALEKZADEH, SOGOL, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **AUTOMATIC INSTALLATION FOR THE AUTOMATIC OPENING OF CRATES FOR ORTHI-CULTURAL AND OTHER PRODUCTS**
[54] **INSTALLATION AUTOMATIQUE D'OUVERTURE AUTOMATIQUE DE CAISSES DE PRODUITS D'HORTICULTURE ET D'AUTRES PRODUITS**
[72] BENEDETTI, LUCA, IT
[71] UNITEC S.P.A., IT
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[54] **SYSTEME DE CAPOTAGE POUR CUVE D'ELECTROLYSE**
[72] RENAUDIER, STEEVE, FR
[72] GIRAULT, GUILLAUME, FR
[72] BRUN, FREDERIC, FR
[71] RIO TINTO ALCAN INTERNATIONAL LIMITED, CA
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[54] **APPAREIL DE FOND DE PUITS**
[72] BRUCE, STEPHEN EDMUND, GB
[72] GRANT, DAVID, GB
[72] SMITH, EWAN COLIN, GB
[72] CAMERON, ANDREW DAVID JAMES, GB
[71] DARCY TECHNOLOGIES LIMITED, GB
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[54] **ELECTROLYSIS TANK CASING**
[54] **CAISSON DE CUVE D'ELECTROLYSE**
[72] BRUN, FREDERIC, FR
[72] ROCHET, YVES, FR
[72] VERDU, PATRICE, FR
[72] RENAUDIER, STEEVE, FR
[72] OUILLON, DIDIER, FR
[71] RIO TINTO ALCAN INTERNATIONAL LIMITED, CA
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[51] **Int.Cl. C25C 3/14 (2006.01)**
[25] FR
[54] **DEVICE FOR DRILLING A CRUST OF A CRYOLITE BATH, THAT CAN BE POSITIONED ON THE PERIPHERY OF AN ELECTROLYTIC CELL**
[54] **DISPOSITIF DE PERCAGE D'UNE CROUTE DE BAIN CRYOLITHAIRE APTE A ETRE POSITIONNE EN PERIPHERIE D'UNE CUVE D'ELECTROLYSE**
[72] RENAUDIER, STEEVE, FR
[72] ROCHET, YVES, FR
[72] BRUN, FREDERIC, FR
[72] BARDET, BENOIT, FR
[72] MARTIN, OLIVIER, FR
[72] DUVAL, CHRISTIAN, FR
[71] RIO TINTO ALCAN INTERNATIONAL LIMITED, CA
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[54] **DERIVES DE PYRAZOLO[1,5-A]PYRIMIDINE-7-AMINE UTILES EN THERAPIE**
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[71] APODEMUS AB, SE
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[54] **SYSTEMS AND METHODS TO VISUALIZE COMPONENT HEALTH AND PREVENTIVE MAINTENANCE NEEDS FOR SUBSEA CONTROL SUBSYSTEM COMPONENTS**
[54] **SYSTEMES ET PROCEDES POUR VISUALISER DES BESOINS SANITAIRES ET D'ENTRETIEN PREVENTIF DE COMPOSANTS POUR DES COMPOSANTS DE SOUS-SYSTEME DE COMMANDE SOUS-MARINS**
[72] PANICKER-SHAH, KALPANA, US
[71] HYDRIL USA DISTRIBUTION LLC, US
[85] 2016-06-30
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[54] **DISPLAYS WITH INTRA-FRAME PAUSE**
[54] **AFFICHAGES AVEC PAUSE ENTRE TRAMES**
[72] LIN, CHIN-WEI, US
[72] HUANG, CHUN-YAO, US
[72] CHANG, SHIH CHANG, US
[72] LEE, SZU-HSIEN, US
[71] APPLE INC., US
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[54] **DEVICE FOR PREPARING AN EMULSIFIED HOT BEVERAGE**
[54] **DISPOSITIF DE PREPARATION D'UNE BOISSON CHAUDE EMULSIONNEE**
[72] STEFANONI, ROBERTO, IT
[71] IDES DEVELOPMENT COMPANY LIMITED, CN
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[54] **RADIOIODINATED COMPOUNDS**
[54] **COMPOSES RADIOIODES**
[72] DIMAGNO, STEPHEN, US
[72] HU, BAO, US
[71] NUTECH VENTURES, US
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[54] **PARTICLE CONTAINERS AND DELIVERY APPLICATORS**
[54] **CONTENANTS POUR PARTICULES ET APPLICATEURS DE DISTRIBUTION**
[72] MEYER, TODD J., US
[72] PAITHANKAR, DILIP, US
[72] ROUSMANIERE, ARTHUR S., US
[72] HUGGER, DEREK J., US
[72] ST. CYR, JOSEPH OMER, US
[72] CAIN, JOHN WILLIAM, US
[71] SEBACIA, INC., US
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[54] **TREATMENT INTERVALS FOR USE OF COMPOSITIONS COMPRISING ENERGY ABSORBING MATERIALS FOR DERMATOLOGICAL APPLICATIONS**
[54] **INTERVALLES DE TRAITEMENT POUR L'UTILISATION DE COMPOSITIONS COMPRENANT DES MATERIAUX D'ABSORPTION D'ENERGIE POUR DES APPLICATIONS DERMATOLOGIQUES**
[72] LANDO, ANTHONY V., US
[72] PAITHANKAR, DILIP, US
[72] KELLER, ERIN C., US
[72] MEYER, TODD J., US
[71] SEBACIA, INC., US
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[54] **HETEROARYLS AND USES THEREOF**
[54] **HETEROARYLES ET UTILISATIONS DE CEUX-CI**
[72] BHARATHAN, INDU T., US
[72] BLACKBURN, CHRIS, US
[72] CIAVARRI, JEFFREY P., US
[72] CHOUITAR, JOUHARA, US
[72] CULLIS, COURTNEY A., US
[72] D'AMORE, NATALIE, US
[72] FLEMING, PAUL E., US
[72] GIGSTAD, KENNETH M., US
[72] GIPSON, KRISTA E., US
[72] GIRARD, MARIO, US
[72] HU, YONGBO, US
[72] LEE, JANICE, US
[72] LI, GANG, US
[72] REZAEI, MANSOUREH, US
[72] SINTCHAK, MICHAEL D., US
[72] SOUCY, FRANCOIS, US
[72] STROUD, STEPHEN G., US
[72] VOS, TRICIA J., US
[72] WONG, TZU-TSHIN, US
[72] XU, HE, US
[72] XU, TIANLIN, US
[72] YE, YINGCHUN, US
[71] MILLENNIUM PHARMACEUTICALS, INC., US
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[54] **EOLIENNE COMPORTANT UN ENROULEMENT DE FIBRE**
[72] ALTMIKUS, ANDREE, DE
[72] HOFFMANN, ALEXANDER, DE
[71] WOBBEN PROPERTIES GMBH, DE
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[54] **SYSTEM AND METHOD FOR DISPENSING AND PURCHASING MEDICAL PRESCRIPTIONS**
[54] **SYSTEME ET PROCEDE DE DISTRIBUTION ET D'ACHAT D'ORDONNANCES MEDICALES**
[72] WEBB, TIMOTHY W., US
[72] TODD, JASON R., US
[72] JANICK, REBECCA, US
[71] WAL-MART STORES, INC., US
[85] 2016-07-04
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[54] **SUB-SURFACE ARRAY OF ABSORBER MATERIALS, AND LIGHT IRRADIATION THERAPY**
[54] **RESEAU SUBSUPERFICIEL DE MATIERES ABSORBANTES ET THERAPIE PAR IRRADIATION LUMINEUSE**
[72] PAITHANKAR, DILIP, US
[71] SEBACIA, INC., US
[85] 2016-07-04
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[72] HURLEY, PAUL BERNARD, US
[72] LAPINA, OLGA VIKTOROVNA, US
[72] SHI, BING, US
[72] WANG, FANG, US
[72] WANG, ZHI XIAN, US
[72] WOO, JACQUELINE CHING-SEE, US
[71] GILEAD SCIENCES, INC., US
[85] 2016-07-04
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[54] **IMPROVED MAT STRUCTURE WITH INSECTICIDE**
[54] **STRUCTURE DE TAPIS AMELIOREE COMPORTANT UN INSECTICIDE**
[72] MARCHETTI, FABIO, IT
[72] MORHAIN, CEDRIC, ES
[71] THERMACELL REPELLENTS, INC., US
[85] 2016-07-04
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[25] EN
[54] **SYSTEMS AND METHODS FOR IMPROVED COMMUNICATION EFFICIENCY IN HIGH EFFICIENCY WIRELESS NETWORKS**
[54] **SYSTEMES ET PROCEDES POUR UNE EFFICACITE DE COMMUNICATION AMELIOREE DANS DES RESEAUX SANS FIL A HAUT RENDEMENT**
[72] YANG, LIN, US
[72] TIAN, BIN, US
[72] VERMANI, SAMEER, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-07-04
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[54] **RECOMBINANT MICROORGANISM HAVING ENHANCED D(-) 2,3-BUTANEDIOL PRODUCING ABILITY AND METHOD FOR PRODUCING D(-) 2,3 BUTANEDIOL USING THE SAME**
[54] **MICRO-ORGANISME RECOMBINE AYANT UNE PRODUCTIVITE ACCRUE DE D(-)2,3-BUTANEDIOL, ET PROCEDE DE PRODUCTION DE D(-)2,3-BUTANEDIOL L'UTILISANT**
[72] YANG, TAEK-HO, KR
[71] GS CALTEX CORPORATION, KR
[85] 2016-07-08
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[25] EN
[54] **ORGANIC COMPOUNDS**
[54] **COMPOSES ORGANIQUES**
[72] ZHANG, QIANG, US
[72] PENG, YOUYI, US
[72] LI, PENG, US
[72] BEARD, J. DAVID, US
[72] WENNOGLE, LAWRENCE P., US
[72] TOMESCH, JOHN, US
[71] INTRA-CELLULAR THERAPIES, INC., US
[85] 2016-07-05
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[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING 15-HEPE AND METHODS OF TREATING ASTHMA AND LUNG DISORDERS USING SAME**
[54] **COMPOSITIONS PHARMACEUTIQUES COMPRENANT LE 15-HEPE ET METHODES DE TRAITEMENT DE L'ASTHME ET DE PATHOLOGIES PULMONAIRES A L'AIDE DESDITES COMPOSITIONS**
[72] MANKU, MEHAR, IE
[72] CLIMAX, JOHN, IE
[72] DUFFY, KEVIN, IE
[71] MANKU, MEHAR, IE
[71] CLIMAX, JOHN, IE
[71] DUFFY, KEVIN, IE
[85] 2016-07-05
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[25] EN
[54] **PUMPS WITH ANGLED OUTLETS, REFILL UNITS AND DISPENSERS HAVING ANGLED OUTLETS**
[54] **POMPES A SORTIES COUDEES, UNITES DE REMPLISSAGE ET DISTRIBUTEURS COMPRENANT DES SORTIES COUDEES**
[72] HARRIS, DONALD R., US
[72] QUINLAN, ROBERT L., US
[72] MCNULTY, JOHN J., US
[71] GOJO INDUSTRIES, INC., US
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[25] EN
[54] **METHOD FOR THE PRODUCTION OF DEXTRAN**
[54] **PROCEDE DE PRODUCTION DE DEXTRANE**
[72] CINTI, GIULIA, IT
[71] BIO-E.R.G. S.R.L., IT
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[25] EN
[54] **METHOD FOR CONTROLLING A BRAKE DEVICE IN A TRACTION VEHICLE-TRAILER COMBINATION AND BRAKE DEVICE CONTROLLED ACCORDING TO SAID METHOD**
[54] **METHODE DE CONTROLE D'UN DISPOSITIF DE FREIN DANS UNE COMBINAISON DE VEHICULE A TRACTION ET REMORQUE, ET DISPOSITIF DE FREIN CONTROLE SELON LADITE METHODE**
[72] BUCHNER, HERMANN, DE
[72] ALTER, WOLFGANG, DE
[72] FINKL, FLORIAN, DE
[72] ARENS, KAI, DE
[71] KNORR-BREMSE SYSTEME FUR NUTZFAHRZEUGE GMBH, DE
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[54] **NETWORK CONNECTED WEIGHT TRACKING SYSTEM FOR A WASTE DISPOSAL MACHINE**
[54] **SYSTEME DE SUIVI DE POIDS CONNECTE EN RESEAU POUR UNE MACHINE D'ELIMINATION DE DECHETS**
[72] CELLI, FRANK, US
[72] JOYCE, ROBERT, US
[72] KRATZER, WILLIAM, US
[72] BOHN, RYAN, US
[71] BIOHITECH AMERICA, US
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[54] **SHEET PRODUCT DISPENSERS AND RELATED METHODS FOR AUTOMATICALLY LOADING A ROLL OF SHEET PRODUCT IN A DISPENSER**
[54] **DISTRIBUTEURS DE PRODUIT EN FEUILLE, ET PROCEDES ASSOCIES POUR CHARGER AUTOMATIQUEMENT UN ROULEAU DE PRODUIT EN FEUILLE DANS UN DISTRIBUTEUR**
[72] GOLTZ, RYAN ANTHONY, US
[72] PETERS, MARK EDWIN, US
[72] JOHNSON, ALAN JOSEPH, US
[72] OLIPHANT, JUSTIN MATTHEW, US
[72] RUTHVEN, PAUL JAMES, US
[71] GEORGIA-PACIFIC CONSUMER PRODUCTS LP, US
[85] 2016-07-05
[86] 2015-01-13 (PCT/US2015/011168)
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[25] EN
[54] **DOWNHOLE OIL/WATER SEPARATION SYSTEM FOR IMPROVED INJECTIVITY AND RESERVOIR RECOVERY**
[54] **SYSTEME DE SEPARATION PETROLE/EAU DE FONDS DE PUITS DESTINE A AMELIORER L'INJECTIVITE ET LA RECUPERATION DU RESERVOIR**
[72] ROTH, BRIAN A., SA
[72] BUSFAR, WESSAM A., SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2016-07-05
[86] 2015-01-14 (PCT/US2015/011353)
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[25] EN
[54] **DYNAMICALLY-SELECTABLE MULTI-MODAL MODULATION IN WIRELESS MULTIHOP NETWORKS**
[54] **MODULATION MULTIMODALE SELECTIONNABLE DYNAMIQUEMENT DANS DES RESEAUX A SAUTS MULTIPLES SANS FIL**
[72] ALEXANDER, ROGER K., US
[72] YUAN, JIANMING, US
[72] TSAO, TZETA, US
[72] SUKHOBOK, SERGEY, US
[71] COOPER TECHNOLOGIES COMPANY, US
[85] 2016-07-05
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[25] EN
[54] **HIGH DENSITY IN SITU BARCODE READING SYSTEM**
[54] **SYSTEME DE LECTURE IN SITU A HAUTE DENSITE DE CODES-BARRES**
[72] POLLACK, BENJAMIN, US
[71] SIEMENS HEALTHCARE DIAGNOSTICS INC., US
[85] 2016-07-05
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[25] EN
[54] **PRIORITY INDICATOR FOR AUTOMATION SYSTEM FLUID SAMPLE**
[54] **INDICATEUR DE PRIORITE POUR ECHANTILLON DE FLUIDE DE SYSTEME D'AUTOMATISATION**
[72] SORENSEN, KELD, US
[71] SIEMENS HEALTHCARE DIAGNOSTICS INC., US
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[86] 2015-01-23 (PCT/US2015/012587)
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[51] **Int.Cl. E21B 33/13 (2006.01) C09K 8/42 (2006.01)**
[25] EN
[54] **SETTABLE COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS DURCISSABLES ET METHODES D'UTILISATION**
[72] AGAPIOU, KYRIACOS, US
[72] MARTINEZ, JUAN HUMBERTO, US
[72] PISKLAK, THOMAS JASON, US
[72] GOEL, VIVEK S., US
[72] BROTHERS, LANCE EVERETT, US
[72] IVERSON, BENJAMIN J., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **METHOD OF CURING A GYPSUM CALCINATION PRODUCT**
[54] **PROCEDE DE DURCISSEMENT D'UN PRODUIT ISSU DE LA CALCINATION DU GYPSE**
[72] BIGUENET, CEDRIC, FR
[71] SAINT-GOBAIN PLACO SAS, FR
[85] 2016-07-06
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[51] **Int.Cl. B65D 88/54 (2006.01)**
[25] EN
[54] **TRAILER-MOUNTED PROPPANT DELIVERY SYSTEM AND ASSOCIATED METHODS**
[54] **SYSTEME DE DISTRIBUTION D'AGENT DE SOUTENEMENT MONTE SUR UNE REMORQUE ET PROCEDES ASSOCIES**
[72] OREN, JOSHUA, US
[72] OREN, JOHN, US
[71] OREN TECHNOLOGIES, LLC, US
[85] 2016-07-05
[86] 2015-01-27 (PCT/US2015/012990)
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[25] EN
[54] **SMART GRID TOPOLOGY ESTIMATOR**
[54] **ESTIMATEUR DE TOPOLOGIE D'UN RESEAU ELECTRIQUE INTELLIGENT**
[72] SONDEREGGER, ROBERT, US
[71] ITRON, INC., US
[85] 2016-07-05
[86] 2015-02-25 (PCT/US2015/017571)
[87] (WO2015/130819)
[30] US (61/944,551) 2014-02-25
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[25] EN
[54] **SYSTEM AND METHOD FOR COMMUNICATING CREDENTIALS**
[54] **SYSTEME ET PROCEDE DE COMMUNICATION DE JUSTIFICATIFS**
[72] BARRY, GERARD, IE
[72] BARRY, DECLAN, SG
[71] PRIVITI PTE. LTD., SG
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[25] EN
[54] **DETECTION OF ELECTRIC POWER DIVERSION**
[54] **DETECTION DE DETOURNEMENT DE COURANT ELECTRIQUE**
[72] SONDEREGGER, ROBERT, US
[71] ITRON, INC., US
[85] 2016-07-05
[86] 2015-02-25 (PCT/US2015/017575)
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[30] US (61/944,558) 2014-02-25
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[51] **Int.Cl. F24C 3/00 (2006.01) F24C 3/14 (2006.01)**
[25] EN
[54] **MODULAR LINEAR FIREPLACE SYSTEM, ASSEMBLIES AND METHODS**
[54] **SYSTEME DE CHEMINEE LINEAIRE ET MODULAIRE, ENSEMBLES ET PROCEDES**
[72] RUMENS, KURT W.F., US
[72] ATEMBOSKI, ALAN R., US
[72] FOTHERINGHAM, WILLIAM ROSS, US
[72] BARBER, NICHOLAS, US
[71] TRAVIS INDUSTRIES, INC., US
[85] 2016-07-05
[86] 2015-03-05 (PCT/US2015/019054)
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[25] EN
[54] **FUNCTIONALISED BENZOPYRAN COMPOUNDS AND USE THEREOF**
[54] **COMPOSES DE BENZOPYRANE FONCTIONNALISES ET LEUR UTILISATION**
[72] HEATON, ANDREW, US
[72] BROWN, DAVID, AU
[72] KELLY, GRAHAM, AU
[71] NOVOGEN LIMITED, AU
[85] 2016-07-06
[86] 2015-02-05 (PCT/AU2015/050040)
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[54] **WAVE ENERGY CONVERTOR**
[54] **CONVERTISSEUR D'ENERGIE HOULOMOTRICE**
[72] TODALSHAUG, JORGEN HALS, NO
[71] NORWEGIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY, NO
[85] 2016-07-06
[86] 2015-01-16 (PCT/EP2015/050794)
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[51] **Int.Cl. B29C 67/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ADDITIVE MANUFACTURING OF HETEROGENEOUS POROUS STRUCTURES AND STRUCTURES MADE THEREFROM**
[54] **SYSTEMES ET PROCEDES POUR LA FABRICATION ADDITIVE DE STRUCTURES POREUSES HETEROGENES ET STRUCTURES PRODUITES A PARTIR DE CEUX-CI**
[72] TOYSERKANI, EHSAN, CA
[72] VLASEA, MIHAELA, CA
[72] SHANJANI, YASER, CA
[71] TOYSERKANI, EHSAN, CA
[71] VLASEA, MIHAELA, CA
[71] SHANJANI, YASER, CA
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[54] **INSULATED POWER LINE FRAMINGS**
[54] **ARMATURES ISOLEES DE LIGNE ELECTRIQUE**
[72] CARREIRA, TONY, CA
[71] K-LINE INSULATORS LIMITED, CA
[85] 2016-07-06
[86] 2015-01-08 (PCT/CA2015/050007)
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[30] US (61/924,755) 2014-01-08

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[51] **Int.Cl. A45D 40/00 (2006.01) A45D 27/00 (2006.01)**
[25] EN
[54] **SOLID SHAVING GEL APPLICATOR**
[54] **APPLICATEUR DE GEL DE RASAGE SOLIDE**
[72] MAY, NICHOLAS, CA
[71] SHAV SHOWER BAR CORPORATION, CA
[85] 2016-07-06
[86] 2015-01-14 (PCT/CA2015/050022)
[87] (WO2015/109398)
[30] US (61/930,187) 2014-01-22

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[51] **Int.Cl. A61L 15/44 (2006.01) A61L 15/60 (2006.01)**
[25] EN
[54] **HYDROGEL MATRIX HAVING A NON-UNIFORM DISTRIBUTION OF OXYGEN CONTAINING CELLS**
[54] **MATRICE D'HYDROGEL PRESENTANT UNE REPARTITION NON UNIFORME DE CELLULES CONTENANT DE L'OXYGENE**
[72] GANN, JOHN P., US
[71] AVENT, INC., US
[85] 2016-07-05
[86] 2015-01-30 (PCT/US2015/013663)
[87] (WO2015/116890)
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[51] **Int.Cl. F28B 1/02 (2006.01) B01D 1/06 (2006.01) F28B 9/10 (2006.01) F28D 7/10 (2006.01)**
[25] EN
[54] **VERTICAL STRAIGHT TUBE COUNTERCURRENT CONDENSER**
[54] **CONDENSEUR A CONTRE-COURANT A TUBES DROITS VERTICAUX**
[72] ARTAMO, ARVI, FI
[72] JUHOLA, PENTTI, FI
[71] RINHEAT OY, FI
[85] 2016-07-06
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[25] EN
[54] **COUPLING OF PERMANENT MAGNETS IN ELECTRIC MOTORS**
[54] **COUPLAGE D'AIMANTS PERMANENTS DANS DES MOTEURS ELECTRIQUES**
[72] WILLIAMS, KEVIN, US
[72] PATRICK, CHARLES, US
[71] CANRIG DRILLING TECHNOLOGY LTD., US
[85] 2016-07-05
[86] 2015-02-02 (PCT/US2015/014091)
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[25] EN
[54] **AMIDO-SUBSTITUTED IMIDAZOPYRIDAZINES USEFUL IN THE TREATMENT OF HYPER-PROLIFERATIVE AND/OR ANGIOGENESIS DISORDERS**
[54] **IMIDAZOPYRIDAZINES AMIDO-SUBSTITUEES UTILES DANS LE TRAITEMENT DES TROUBLES HYPERPROLIFERATIFS ET/OU DE L'ANGIOGENESE**
[72] SCHULZE, VOLKER, DE
[72] EIS, KNUT, DE
[72] PUEHLER, FLORIAN, US
[72] ZORN, LUDWIG, DE
[72] SULZLE, DETLEV, DE
[72] LIENAU, PHILIP, DE
[72] WENGNER, ANTJE MARGRET, DE
[72] PETERSEN, KIRSTIN, DE
[72] BOMER, ULF, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2016-07-06
[86] 2015-01-06 (PCT/EP2015/050087)
[87] (WO2015/104254)
[30] EP (14150554.5) 2014-01-09
[30] EP (14150555.2) 2014-01-09

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[25] EN
[54] **TRANSCRANIAL ELECTROSTIMULATION DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE D'ELECTROSTIMULATION TRANSCRANIENNE**
[72] KATSNELSON, YAKOV, US
[71] NOVO HB, LLC, US
[85] 2016-07-05
[86] 2015-02-16 (PCT/US2015/016005)
[87] (WO2015/126772)
[30] US (61/942,709) 2014-02-21
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[25] EN
[54] **PHARMACEUTICAL PREPARATION CONTAINING PYRIDYLAMINOACETIC ACID COMPOUND**
[54] **PREPARATION PHARMACEUTIQUE COMPRENANT UN COMPOSE D'ACIDE PYRIDYLAMINO-ACETIQUE**
[72] SHAMS, NAVEED, US
[72] KROON, HENK-ANDRE, US
[72] KAWATA, HISASHI, JP
[72] KAWABATA, NORIKO, JP
[71] SANTEN PHARMACEUTICAL CO., LTD., JP
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[86] 2015-01-08 (PCT/JP2015/050366)
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[51] **Int.Cl. H04L 25/03 (2006.01)**
[25] EN
[54] **DEVICE, SYSTEM AND METHOD OF CONFIGURING A RADIO TRANSCEIVER**
[54] **DISPOSITIF, SYSTEME ET PROCEDE DE CONFIGURATION D'EMETTEUR-RECEPTEUR RADIO**
[72] MUECK, MARKUS DOMINIK, DE
[72] IVANOV, VLADIMIR, RU
[71] INTEL IP CORPORATION, US
[85] 2016-07-05
[86] 2015-02-20 (PCT/US2015/016794)
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[30] US (61/943,948) 2014-02-24
[30] US (14/506,194) 2014-10-03

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[51] **Int.Cl. C05C 9/00 (2006.01) C05F 11/00 (2006.01)**
[25] EN
[54] **FERTILISER HAVING REDUCED BIURET CONTENT**
[54] **ENGRAIS A TENEUR REDUITE EN BIURET**
[72] ALLAIS, CYRILLE PAUL, NL
[72] D'MELO, DAWID JOHN, IN
[72] MANIKANDAN, CHITHRA, IN
[72] GARCIA MARTINEZ, RAFAEL ALBERTO, CA
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[54] **UREA FERTILISER HAVING IMPROVED HARDNESS**
[54] **ENGRAIS A BASE D'UREE PRESENTANT UNE DURETE AMELIOREE**
[72] ALLAIS, CYRILLE PAUL, NL
[72] HUTTER, KLAAS JAN, US
[72] TOMAZ, CARLOS, BR
[72] GARCIA MARTINEZ, RAFAEL ALBERTO, CA
[72] INGOLDSBY, CHARLES JAMES, CA
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[25] EN
[54] **FILTRATION APPARATUS, AND IMMERSION-TYPE FILTRATION METHOD USING SAME**
[54] **APPAREIL DE FILTRATION ET PROCEDE DE FILTRATION DE TYPE IMMERSION L'EMPLOYANT**
[72] TANAKA, HIROMU, JP
[72] MORITA, TORU, JP
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
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[25] EN
[54] **ZOOM LENS DRIVING DEVICE AND ZOOM LENS**
[54] **DISPOSITIF D'ENTRAINEMENT DE LENTILLE A FOCALE VARIABLE, ET LENTILLE A FOCALE VARIABLE**
[72] HU, XIAOPING, CN
[71] BOLYMEDIA HOLDINGS CO. LTD., US
[85] 2016-07-06
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[25] EN
[54] **IONIC LIQUID SUPPORTED ORGANOTIN REAGENTS FOR THE MANUFACTURING OF RADIOPHARMACEUTICALS COMPOUNDS**
[54] **REACTIFS ORGANOSTANNIQUES SUPPORTES SUR LIQUIDE IONIQUE POUR LA PRODUCTION DE COMPOSES RADIOPHARMACEUTIQUES**
[72] LEGOUPY, STEPHANIE, FR
[72] FAYE, DJIBRIL, FR
[72] GESTIN, JEAN-FRANCOIS, FR
[72] RAJERISON, HOLISOA, FR
[72] FAIVRE-CHAUVET, ALAIN, FR
[72] BOEDA, FABIEN, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[71] UNIVERSITE DE NANTES, FR
[71] UNIVERSITE D'ANGERS, FR
[71] UNIVERSITE DU MAINE, FR
[71] CENTRE HOSPITALIER UNIVERSITAIRE DE NANTES, FR
[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
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[54] **SIPHON AJUSTABLE**
[72] TOMS, MATTHEW JASON, GB
[72] MELVILLE, NICHOLAS, GB
[71] IMPEY SHOWERS LIMITED, GB
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[54] **METHODE DE TRAITEMENT DU CANCER DE LA PEAU PAR RADIOTHERAPIE**
[72] SUH, K. STEPHEN, US
[72] SAROJINI, SREEJA, US
[72] TUNA, MEHMET, US
[72] BARBIERE, JOSEPH, US
[72] NDLOVU, ALOIS, US
[72] PECORA, ANDREW, US
[72] INGENITO, ANTHONY, US
[71] HACKENSACK UNIVERSITY MEDICAL CENTER, US
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[54] **PLATE-TYPE UTILITY KNIFE**
[54] **COUTEAU UNIVERSEL DU TYPE A PLAQUES**
[72] WANG, WEIYI, CN
[71] HANGZHOU GREAT STAR TOOLS CO., LTD., CN
[71] HANGZHOU GREAT STAR INDUSTRIAL CO., LTD., CN
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[25] EN
[54] **ENERGY-EFFICIENT METHOD FOR PRODUCING COMPRESSED CARBON DIOXIDE SUITABLE FOR ENHANCED OIL OR GAS RECOVERY**
[54] **PROCEDE, A FAIBLE CONSOMMATION D'ENERGIE, DE PRODUCTION DE DIOXYDE DE CARBONE COMPRIME APPROPRIE POUR UNE RECUPERATION AMELIOREE D'HYDROCARBURES OU DE GAZ**
[72] ALYOUSEF, YOUSEF M., SA
[72] ALENAZEY, FERAIH, SA
[71] ENERGY RESEARCH INSTITUTE, SA
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[51] **Int.Cl. A61B 17/34 (2006.01)**
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[54] **DISPOSITIF D'ASSISTANCE CHIRURGICALE**
[72] FORSELL, PETER, CH
[71] KIRK PROMOTION LTD, SE
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[25] EN
[54] **FLUIDICALLY ACTUATABLE FAIL-SAFE DISK BRAKE SYSTEM AND LIFTING DEVICE COMPRISING SAID SYSTEM**
[54] **SYSTEME DE FREIN A DISQUE POUVANT ETRE ACTIONNE PAR UN FLUIDE ET A SECURITE INTRINSEQUE, AINSI QU'ELEVATEUR POURVU DUDIT SYSTEME**
[72] MOLL, ROLAND, DE
[71] MHWIRTH GMBH, DE
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[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **LIQUID COMPOSITION FOR ELECTRONIC CIGARETTES**
[54] **COMPOSITION LIQUIDE POUR CIGARETTES ELECTRONIQUES**
[72] RIGHETTI, ALESSANDRO, IT
[71] SINO BUSINESS LIMITED, BZ
[71] RIGHETTI, ALESSANDRO, IT
[85] 2016-07-06
[86] 2014-12-19 (PCT/IB2014/067122)
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[25] EN
[54] **METHOD AND APPARATUS FOR PROTECTING ANGULAR INDUSTRIAL PACKAGES, SUCH AS PACKAGES OF SAWN TIMBER**
[54] **PROCEDE ET APPAREIL POUR PROTEGER DES ENSEMBLES INDUSTRIELS ANGULAIRES, TELS QUE DES ENSEMBLES DE GRUMES SCIEES**
[72] SONNINEN, HEIKKI, FI
[71] ORFER OY, FI
[85] 2016-07-06
[86] 2015-01-22 (PCT/FI2015/050036)
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[25] EN
[54] **METHOD AND CRITERIA FOR TRAJECTORY CONTROL**
[54] **PROCEDE ET CRITERES DE COMMANDE DE TRAJECTOIRE**
[72] SAMUEL, ROBELLO, US
[72] LIU, ZHENGCHUN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-07-06
[86] 2014-01-24 (PCT/US2014/012950)
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[51] **Int.Cl. F02K 3/072 (2006.01) F02C 7/36 (2006.01)**
[25] FR
[54] **EPICYCLIC REDUCTION DEVICE FOR THE ROTATIONAL DRIVE OF BLADE SETS OF A REDUCTION TURBOMACHINE**
[54] **DISPOSITIF DE REDUCTION EPICYCLOIDAL POUR L'ENTRAINEMENT EN ROTATION DES ENSEMBLES DE PALES D'UNE TURBOMACHINE A REDUCTEUR**
[72] CURLIER, AUGUSTIN, FR
[72] AUSTRUY, JULIEN MICHEL PATRICK CHRISTIAN, FR
[72] BOUDEBIZA, TEWFIK, FR
[72] CHARIER, GILLES ALAIN, FR
[71] SNECMA, FR
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[86] 2014-12-24 (PCT/FR2014/053553)
[87] (WO2015/104474)
[30] FR (1450080) 2014-01-07

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[51] **Int.Cl. G06F 17/30 (2006.01) G06Q 10/10 (2012.01)**
[25] EN
[54] **SYSTEM AND METHODS FOR CLEANSING AUTOMATED ROBOTIC TRAFFIC FROM SETS OF USAGE LOGS**
[54] **SYSTEME ET PROCEDES POUR NETTOYER UN TRAFIC ROBOTIQUE AUTOMATISE A PARTIR D'ENSEMBLES DE JOURNAUX D'UTILISATION**
[72] SISK, JACOB, US
[72] PRINGLE, JAMES, US
[72] CHANG, NINA, US
[71] THOMSON REUTERS GLOBAL RESOURCES, CH
[85] 2016-07-06
[86] 2015-01-26 (PCT/IB2015/001045)
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[51] **Int.Cl. G03G 15/20 (2006.01) H05B 3/02 (2006.01)**
[25] EN
[54] **HYBRID HEATER WITH DUAL FUNCTION HEATING CAPABILITY**
[54] **CHAUFFAGE HYBRIDE AVEC CAPACITE DE CHAUFFAGE A DOUBLE FONCTION**
[72] CAMPBELL, MICHAEL CLARK, US
[72] ETTER, PAUL WESLEY, US
[72] RILEY, JAMES ADRIAN, US
[72] SMITH, JERRY WAYNE, US
[71] LEXMARK INTERNATIONAL, INC., US
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[25] EN
[54] **SELECTIVE GLUCOCORTICOID RECEPTOR LIGANDS**
[54] **LIGANDS SELECTIFS DES RECEPTEURS DES GLUCOCORTICOIDES**
[72] RAY, WILLIAM DAVID, GB
[72] DAWSON, WILLIAM, GB
[72] PAYNE, HELEN JANE, GB
[71] THE UNIVERSITY OF MANCHESTER, GB
[85] 2016-07-06
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[51] **Int.Cl. F01B 9/06 (2006.01)**
[25] EN
[54] **PISTON ARRANGEMENT**
[54] **AGENCEMENT DE PISTON**
[72] BOWEN, RYAN, GB
[71] NEWLENOIR LIMITED, GB
[85] 2016-07-06
[86] 2015-01-13 (PCT/GB2015/050050)
[87] (WO2015/107330)
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[51] **Int.Cl. A61K 39/04 (2006.01) G01N 33/569 (2006.01)**
[25] EN
[54] **MYCOBACTERIAL ANTIGEN COMPOSITION**
[54] **COMPOSITION D'ANTIGENE MYCOBACTERIEN**
[72] HALL, YPER, GB
[72] BACON, JOANNA, GB
[72] MARSH, PHILIP, GB
[71] THE SECRETARY OF STATE FOR HEALTH, GB
[85] 2016-07-06
[86] 2015-01-16 (PCT/GB2015/050100)
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[51] **Int.Cl. A61B 5/07 (2006.01)**
[25] EN
[54] **RADIATION SOURCE FOR INTRA-LUMEN IMAGING CAPSULE**
[54] **SOURCE DE RADIATION POUR CAPSULE D'IMAGERIE INTRALUMINALE**
[72] KIMCHY, YOAV, IL
[72] HASOON, SALAH, IL
[71] CHECK-CAP LTD., IL
[85] 2016-07-06
[86] 2014-04-08 (PCT/IL2014/050340)
[87] (WO2015/118520)
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[51] **Int.Cl. C12N 1/21 (2006.01) A61K 35/74 (2015.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) C12N 15/09 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **RECOMBINANT OBLIGATE ANAEROBIC GRAM-POSITIVE BACTERIA**
[54] **BACTERIES ANEROBIES RECOMBINEES A GRAM NEGATIF**
[72] NISHIKAWA, TAKESHI, JP
[72] TAIRA, YUICHIRO, JP
[72] TAIRA, IKUKO, JP
[72] ISHIDA, ISAO, JP
[71] TEIKYO HEISEI UNIVERSITY, JP
[85] 2016-07-06
[86] 2014-12-24 (PCT/JP2014/084038)
[87] (WO2015/104994)
[30] JP (2014-003441) 2014-01-10

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[13] A1
[51] **Int.Cl. G06F 13/00 (2006.01) H04N 1/00 (2006.01)**
[25] EN
[54] **IMAGING PROCESSING SYSTEM, ELECTRONIC BLACKBOARD, AND PROGRAM**
[54] **SYSTEME DE TRAITEMENT D'IMAGE, TABLEAU ELECTRONIQUE ET PROGRAMME**
[72] TSUKUDA, TOMOYUKI, JP
[72] KASATANI, KIYOSHI, JP
[72] KEMMOCHI, EIJI, JP
[72] EMORI, MOTOTSUGU, JP
[71] RICOH COMPANY, LTD., JP
[85] 2016-07-06
[86] 2015-01-08 (PCT/JP2015/050365)
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[25] EN
[54] **ACCESS CONTROL DEVICE, COMMUNICATION SYSTEM, PROGRAM, AND METHOD FOR CONTROLLIING ACCESS**
[54] **DISPOSITIF DE CONTROLE D'ACCES, SYSTEME DE COMMUNICATION, PROGRAMME ET PROCEDE DE CONTROLE D'ACCES**
[72] HOMMA, TAKESHI, JP
[72] YAMAMOTO, YOHEI, JP
[72] MAEDA, KAORU, JP
[71] RICOH COMPANY, LTD., JP
[85] 2016-07-06
[86] 2015-01-14 (PCT/JP2015/050829)
[87] (WO2015/115183)
[30] JP (2014-016922) 2014-01-31

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[51] **Int.Cl. G01N 33/48 (2006.01) G01N 33/483 (2006.01) G01N 33/543 (2006.01)**
[25] EN
[54] **BIOMARKERS FOR DEMENTIA AND DEMENTIA RELATED NEUROLOGICAL DISORDERS**
[54] **BIOMARQUEURS POUR UNE DEMENCE ET DES TROUBLES NEUROLOGIQUES LIES A LA DEMENCE**
[72] BARNABY, OMAR S., US
[72] STEEN, JUDITH AJ, US
[72] STEVENS, BETH, US
[72] STEEN, HANNO, US
[72] HONG, SOYON Y., US
[71] CHILDREN'S MEDICAL CENTER CORPORATION, US
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[51] **Int.Cl. F25D 23/02 (2006.01)**
[25] EN
[54] **REFRIGERATOR**
[54] **REFRIGERATEUR**
[72] YOON, SEOK JUN, KR
[72] SONG, YOUNG JAE, KR
[72] YANG, SEUNG YONG, KR
[72] MOON, SUNG SIK, KR
[72] JEON, HO JUNE, KR
[72] JEONG, KYUNG HAN, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2016-07-06
[86] 2015-01-05 (PCT/KR2015/000064)
[87] (WO2015/105305)
[30] KR (10-2014-0002011) 2014-01-07
[30] KR (10-2014-0112110) 2014-08-27

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[51] **Int.Cl. F16L 55/179 (2006.01) F16L 55/165 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR LINING A PIPE**
[54] **PROCEDE ET APPAREIL DE REVETEMENT INTERIEUR DE TUYAU**
[72] KIEST, LARRY W., JR., US
[72] RINEHART, JOHN, US
[72] MATHEY, JASON M., US
[72] ENGEL, DAN, US
[72] READ, DANIEL L., US
[72] DANNENBERG, PETE, US
[71] LMK TECHNOLOGIES, LLC, US
[85] 2016-07-06
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[87] (WO2015/103619)
[30] US (61/923,814) 2014-01-06
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[51] **Int.Cl. F25D 23/02 (2006.01)**
[25] EN
[54] **REFRIGERATOR, DOOR ASSEMBLY THEREFOR, AND METHOD FOR PRODUCING DOOR ASSEMBLY**
[54] **REFRIGERATEUR, ENSEMBLE PORTE ASSOCIE ET SON PROCEDE DE PRODUCTION**
[72] JOO, SUN HWAN, KR
[72] YANG, SEUNG YONG, KR
[72] JUNG, SANG GYU, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2016-07-06
[86] 2015-01-07 (PCT/KR2015/000155)
[87] (WO2015/105331)
[30] KR (10-2014-0002067) 2014-01-07
[30] KR (10-2014-0106155) 2014-08-14

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[13] A1
[51] **Int.Cl. E21B 43/27 (2006.01) B60P 1/00 (2006.01) F01M 1/02 (2006.01) F01P 5/02 (2006.01) F02B 1/00 (2006.01) F04B 1/00 (2006.01) H02K 7/10 (2006.01) H02K 17/02 (2006.01) H02P 27/04 (2016.01)**
[25] EN
[54] **HYDRAULIC FRACTURING SYSTEM**
[54] **SYSTEME DE FRACTURATION HYDRAULIQUE**
[72] GLASS, CORY, US
[71] LIME INSTRUMENTS LLC, US
[85] 2016-07-06
[86] 2015-01-06 (PCT/US2015/010352)
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[30] US (61/924,169) 2014-01-06

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[25] EN
[54] **DEVICE WITH EXPANDABLE CLEANING HEAD**
[54] **DISPOSITIF POURVU D'UNE TETE DE NETTOYAGE EXTENSIBLE**
[72] HEVLIN, YIFTACH, IL
[72] HEVLIN, OMER, IL
[71] HEVLIN, YIFTACH, IL
[71] HEVLIN, OMER, IL
[85] 2016-07-06
[86] 2015-01-06 (PCT/IL2015/050026)
[87] (WO2015/104708)
[30] US (61/924,412) 2014-01-07

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[51] **Int.Cl. C12Q 1/48 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **METHOD FOR TESTING A MUTANT GENE THROUGH REAL TIME POLYMERASE CHAIN REACTION USING DNA POLYMERASE WITH INHIBITED ACTIVITY OF 5'-FLAP ENDONUCLEASE**
[54] **PROCEDE DE TEST D'UN GENE MUTANT PAR REACTION EN CHAINE DE LA POLYMERASE EN TEMPS REEL EMPLOYANT L'ADN POLYMERASE AYANT UNE ACTIVITE INHIBEE D'ENDONUCLEASE 5'FLAP**
[72] KIM, JAE JONG, KR
[72] CHA, SUN HO, KR
[72] LIM, SI KYU, KR
[71] GENOTECH CORP., KR
[85] 2016-07-06
[86] 2015-01-08 (PCT/KR2015/000167)
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[30] KR (10-2014-0002306) 2014-01-08

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[51] **Int.Cl. G02B 6/44 (2006.01)**
[25] EN
[54] **OPTICAL CABLE**
[54] **CABLE OPTIQUE**
[72] TAKEDA, DAIKI, JP
[72] KAJI, TOMOAKI, JP
[72] SHIOBARA, SATORU, JP
[72] YAMANAKA, MASAYOSHI, JP
[72] OKADA, NAOKI, JP
[71] FUJIKURA, LTD., JP
[85] 2016-07-06
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[30] JP (2014-043622) 2014-03-06

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[51] **Int.Cl. A61K 48/00 (2006.01) A61K 38/16 (2006.01) A61P 25/00 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS USED IN TREATING INFLAMMATORY AND AUTOIMMUNE DISEASES**
[54] **PROCEDES ET COMPOSITIONS UTILISES POUR TRAITER DES MALADIES INFLAMMATOIRES ET AUTO-IMMUNES**
[72] MCCARTY, OWEN J., US
[72] VERBOUT, NORAH, US
[72] OFFNER-VANDENBARK, HALINA, US
[72] TUCKER, ERIK I., US
[71] OREGON HEALTH & SCIENCE UNIVERSITY, US
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[54] **ANALYTICALLY GENERATED SHOOTING SCHEDULES FOR USE WITH PATTERNED AND SIMULTANEOUS SOURCE ACQUISITION**
[54] **PLANS DE TIR GENERES DE MANIERE ANALYTIQUE A UTILISER AVEC UNE ACQUISITION DE SOURCE SIMULTANEE ET MODELISEE**
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[72] ROSS, ALLAN, US
[71] BP CORPORATION NORTH AMERICA INC., US
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[54] **SYSTEME ET PROCEDE POUR UNE INSPECTION COMPLETE ET NON INTRUSIVE D'UN AERONEF**
[72] MIRCEA, TUDOR, RO
[71] SC MB TELECOM LTD SRL, RO
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[54] **AGENT SUR PLACE POUR UN SERVICE EN NUAGE MOBILE**
[72] CHIZHOV, VLADIMIR YURIEVICH, RU
[72] MOKEEV, ALEKSEI VASILIEVICH, RU
[72] VAN DE LOO, KAJ, US
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[54] **SYSTEME, DISPOSITIF ET APPAREIL DE COORDINATION D'ENVIRONNEMENTS UTILISANT DES DISPOSITIFS DE RESEAU ET DES INFORMATIONS SENSORIELLES DISTANTES**
[72] IMES, KEVIN R., US
[72] HOLLISTER, JAMES, US
[72] COTTRELL, JOHN, US
[71] ALLURE ENERGY, INC., US
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[72] HEMBROUGH, TODD, US
[72] THYPARAMBIL, SHEENO, US
[72] LIAO, WEI-LI, US
[72] AN, EUNKYUNG, US
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[54] **SYSTEMES, DISPOSITIFS ET PROCEDES DE DRAINAGE ET D'ANALYSE DE FLUIDES CORPORELS**
[72] LUXON, EVAN S., US
[72] HAMILTON, MARCIE, US
[72] BURNETT, DANIEL R., US
[72] ZIEGLER, MARK, US
[71] CONSANO, INC., US
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[54] **MACROCYCLES DE DIARYLE EN TANT QUE MODULATEURS DE PROTEINES KINASES**
[72] CUI, JINGRONG JEAN, US
[72] LI, YISHAN, US
[72] ROGERS, EVAN W., US
[72] ZHAI, DAYONG, US
[71] TP THERAPEUTICS, INC., US
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[54] **SYSTEME D'ENCADREMENT DE PANNEAU EXTERIEUR EXTREMEMENT AJUSTABLE ET ADAPTABLE**
[72] MANDRY, JAMES E., US
[72] PELLETIER, MARK, US
[72] BOURQUE, RAYMOND MATTHEW, US
[71] ANAR SOLAR, LLC, US
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[54] **HEADER ASSEMBLY HAVING POWER AND SIGNAL CARTRIDGES**
[54] **ENSEMBLE EMBASE A CARTOUCHES D'ALIMENTATION ET DE SIGNAL**
[72] MARTIN, GALEN M., US
[72] HITCHCOCK, MATTHEW BRYAN, US
[72] CRAWFORD, JAMES OLIVER, US
[71] TYCO ELECTRONICS CORPORATION, US
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[54] **SYSTEMS AND METHODS FOR TESTING AND CHARACTERIZING LED LIGHTING DEVICES**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE TESTER ET DE CARACTERISER DES DISPOSITIFS D'ECLAIRAGE A DEL**
[72] RECTOR, DAVID JOHN, US
[72] WEEKS, T. WARREN, JR., US
[71] HUBBELL INCORPORATED, US
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[54] **PROCEDES OPTIMISES DESTINES AUX APPELS DANS DE GRANDS GROUPES AU MOYEN DE SUPPORTS DE TRANSPORT DE DIFFUSION INDIVIDUELLE ET MULTIDIFFUSION POUR LA MESSAGERIE VOCALE INSTANTANEE (POC)**
[72] PATEL, KRISHNAKANT M., US
[72] VEMPATI, BRAHMANANDA R., US
[72] NEGALAGULI, HARISHA M., US
[71] KODIAK NETWORKS, INC., US
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[54] **REMPLISSAGE A EFFET VORTEX**
[72] SLOAN, TODD F., CA
[72] FORSBERG, CHRIS, CA
[72] CANNON, CHRISTOPHER E., US
[71] AGILITY FUEL SYSTEMS, INC., US
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[54] **TREATMENT OF HUMAN IMMUNODEFICIENCY VIRUS/ACQUIRED IMMUNODEFICIENCY SYNDROME**
[54] **TRAITEMENT DU VIRUS DE L'IMMUNODEFICIENCE HUMAINE/DU SYNDROME DE L'IMMUNODEFICIENCE ACQUISE**
[72] HAR-NOY, MICHAEL, IL
[71] IMMUNOVATIVE THERAPIES, LTD., IL
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[54] **TREATMENT OF ORAL MALADIES USING ELECTRICAL CURRENT**
[54] **TRAITEMENT D'AFFECTIONS BUCCALES AU MOYEN D'UN COURANT ELECTRIQUE**
[72] RUFLIN, PAUL L., US
[72] KELLER, MICHAEL J., US
[72] KAMINSKI, MICHAEL V., US
[72] MIZER, SCOTT, US
[72] ARMSTRONG, ROBERT, US
[71] ANIMAL ORALECTRICS LLC, US
[71] RUFLIN, PAUL L., US
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[71] KAMINSKI, MICHAEL V., US
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[54] **APPAREIL D'ABSORPTION DE CHOC**
[72] KELLY, MAURICE A., US
[72] SPRINGS, SHAWN A., US
[72] MARUCCHI, LEON A., US
[72] HADLEY, MARCUS A., US
[72] CARLTON, ROBERT A., US
[71] WINDPACT, INC., US
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[54] **COMPOSITION POUR ANALYSE DE L'INTERACTION ENTRE UN ARN ET LA CHROMATINE ET UTILISATIONS DE CELLE-CI**
[72] RUAN, YIJUN, US
[72] ZHENG, MEIZHEN, US
[72] LUO, JUNHONG OSCAR, US
[71] THE JACKSON LABORATORY, US
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[54] **SYSTEMS AND METHODS FOR CONTEXTUAL CALLER IDENTIFICATION**
[54] **SYSTEMES ET PROCEDES POUR UNE IDENTIFICATION CONTEXTUELLE D'APPELANT**
[72] FAABORG, ALEXANDER, US
[71] GOOGLE INC., US
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[54] **DISPOSITIF D'INHALATION A POUDRE SECHE**
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[72] ELMALEH, MAXIM D., US
[71] SEROTON, INC., US
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[54] **POLYPEPTIDE C□UR D'HEPATITE B STABILISE**
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[72] SWARTZ, JAMES ROBERT, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
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[54] **COMPOSITION D'ASSAINISSEUR D'AIR ET PROCEDES ASSOCIES**
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[72] PIETOSO, FRANK, US
[72] ADAMS, HEATHER ELISA, US
[72] HINDEN-KUHLES, NATALIE LOIS, US
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[54] **IMPROVED STABILITY OF VISCOUS FLUIDS IN LOW SALINITY ENVIRONMENTS**
[54] **STABILITE AMELIOREE DE FLUIDES VISQUEUX DANS DES ENVIRONNEMENTS A FAIBLE SALINITE**
[72] KAKADJIAN, SARKIS, US
[72] BEBEE, RICKEY, CA
[72] THOMPSON, JOSEPH, US
[72] PONTIFES, ANTONIO, US
[72] TORRES, ROBERT, US
[71] TRICAN WELL SERVICE, LTD., CA
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[54] **PARTICULES DE MOUSSE RETICULEES DEGRADABLES POUR UTILISATION DANS LA FORMATION DE PAQUETS D'AGENTS DE SOUTENEMENT HAUTEMENT CONDUCTEURS**
[72] NGUYEN, PHILIP D., US
[72] WEAVER, JIMMIE D., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **SIMULTANEOUS EXTRACTION AND SEPARATION OF RNA AND DNA FROM SINGLE CELLS USING ELECTROPHORETIC TECHNIQUES**
[54] **EXTRACTION ET SEPARATION SIMULTANEES D'ARN ET D'ADN A PARTIR DANS DES CELULLES UNIQUES AU MOYEN DE TECHNIQUES ELECTROPHORETIQUES**
[72] SANTIAGO, JUAN G., US
[72] SHINTAKU, HIROFUMI, US
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[72] LETTENBERGER, NEIL, US
[72] MORRIS, DAVID WAYNE, US
[71] THE GILLETTE COMPANY, US
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[54] **ANALYSE D'ADN GENOMIQUE, D'ARN ET DE PROTEINES DANS DES EXOSOMES POUR LE DIAGNOSTIC ET LA THERAPIE**
[72] KALLURI, RAGHU, US
[72] MELO, SONIA, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
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[72] WAY, JEFFREY C., US
[71] VALERION THERAPEUTICS, LLC, US
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[86] 2015-01-13 (PCT/US2015/011269)
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[30] US (61/926,863) 2014-01-13
[30] US (61/926,865) 2014-01-13
[30] US (62/042,771) 2014-08-27
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[54] **REGULATING ORNITHINE METABOLISM TO MANIPULATE THE HIGH MANNOSE GLYCOFORM CONTENT OF RECOMBINANT PROTEINS**
[54] **REGULATION DU METABOLISME DE L'ORNITHINE POUR MANIPULER LA TENEUR EN GLYCOFORMES A HAUTE TENEUR EN MANNOSE DE PROTEINES DE RECOMBINAISON**
[72] KANG, SOHYE, US
[72] HUANG, CHUNG-JR., US
[72] BARKHORDARIAN, HEDIEH, US
[72] BONDARENKO, PAVEL, US
[72] ZHANG, ZHONGQI, US
[71] AMGEN INC., US
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[25] EN
[54] **BIOACTIVE HEME-HALOPEROXIDASE COMPOSITIONS AND METHODS OF THEIR USE**
[54] **COMPOSITIONS D'HEME-HALOPEROXYDASE ET LEURS METHODES D'UTILISATION**
[72] STEPHENS, JACKSON T., JR., US
[72] PETE, MATTHEW J., US
[71] EXOXEMIS, INC., US
[85] 2016-07-05
[86] 2015-01-14 (PCT/US2015/011435)
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[30] US (14/593,648) 2015-01-09

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[51] **Int.Cl. G06F 19/18 (2011.01) G06F 19/28 (2011.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR GENOME ANALYSIS**
[54] **PROCEDES ET SYSTEMES D'ANALYSE GENOMIQUE**
[72] SINGLETON, MARC, US
[72] REESE, MARTIN, US
[72] EILBECK, KAREN, US
[72] YANDELL, MARK, US
[71] UNIVERSITY OF UTAH, US
[71] OMICIA, INC., US
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[30] US (61/927,459) 2014-01-14

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[54] **NOUVELLES COMPOSITIONS**
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[72] PISKORSKI, WALTER, US
[72] GREENE, MATTHEW, US
[72] MCMILLAN, BRIAN, US
[71] NEUROVANCE, INC., US
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[30] US (61/913,886) 2013-12-09

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[72] JOHNSON, MITCH, US
[72] CLEGG, FRANK, US
[72] HATHAWAY, CODY, US
[71] LIFETIME PRODUCTS, INC., US
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[86] 2015-01-17 (PCT/US2015/011876)
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[30] US (61/929,042) 2014-01-18
[30] US (14/598,812) 2015-01-16

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[51] **Int.Cl. C12N 1/04 (2006.01) A61L 15/36 (2006.01) C12N 1/20 (2006.01)**
[25] EN
[54] **WEB COMPRISING A MICROORGANISM-CONTAINING FIBROUS ELEMENT AND METHOD FOR MAKING SAME**
[54] **BANDE COMPRENANT UN ELEMENT FIBREUX CONTENANT DES MICRO-ORGANISMES ET SON PROCEDE DE FABRICATION**
[72] MCKIERNAN, ROBIN LYNN, US
[72] SONG, BRIAN ZIAOQING, US
[72] KEEGAN, SHARON ANNE, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-07-06
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[87] (WO2015/112292)
[30] US (61/931,158) 2014-01-24

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[25] EN
[54] **TRPA1 MODULATORS**
[54] **MODULATEURS DE TRPA1**
[72] HERZ, JEFFREY M., US
[72] KESICKI, EDWARD A., US
[71] ALGOMEDIX, INC., US
[85] 2016-07-06
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[30] US (61/924,119) 2014-01-06

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[13] A1
[51] **Int.Cl. G06N 99/00 (2010.01)**
[25] EN
[54] **CONSTRUCTING AND PROGRAMMING QUANTUM HARDWARE FOR ROBUST QUANTUM ANNEALING PROCESSES**
[54] **CONSTRUCTION ET PROGRAMMATION DE MATERIEL QUANTIQUE POUR DES PROCESSUS DE RECUIT QUANTIQUE ROBUSTES**
[72] MOHSENI, MASOUD, US
[72] NEVEN, HARTMUT, US
[71] GOOGLE INC., US
[85] 2016-07-06
[86] 2014-12-31 (PCT/US2014/072959)
[87] (WO2015/103372)
[30] US (61/924,207) 2014-01-06
[30] US (61/985,348) 2014-04-28

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[51] **Int.Cl. B41K 1/38 (2006.01) B23K 26/00 (2014.01) B23K 26/10 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **PROCESSING SYSTEM FOR MULTIPLE DIFFERING WORKPIECES**
[54] **SYSTEME D'USINAGE POUR PLUSIEURS PIECES A USINER DIFFERENTES**
[72] PINOT, JEAN-PHILIPPE, FR
[72] VERRIER, STEPHANIE, FR
[71] TRODAT GMBH, AT
[85] 2016-07-07
[86] 2015-01-07 (PCT/AT2015/050003)
[87] (WO2015/103654)
[30] AT (A50017/2014) 2014-01-10

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[51] **Int.Cl. H03K 19/195 (2006.01)**
[25] EN
[54] **CONSTRUCTING AND PROGRAMMING QUANTUM HARDWARE FOR QUANTUM ANNEALING PROCESSES**
[54] **CONSTRUCTION ET PROGRAMMATION D'UN MATERIEL QUANTIQUE POUR DES PROCEDES DE RECUIT QUANTIQUE**
[72] MOHSENI, MASOUD, US
[72] NEVEN, HARTMUT, US
[71] GOOGLE INC., US
[85] 2016-07-06
[86] 2014-12-31 (PCT/US2014/072962)
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[30] US (61/924,207) 2014-01-06
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[25] EN
[54] **POWER MONITORING AND CONTROL SYSTEM**
[54] **SYSTEME DE SURVEILLANCE ET DE CONTROLE D'ENERGIE**
[72] GELONESE, DOMENICO, AU
[71] EMBERTEC PTY LTD, AU
[85] 2016-07-07
[86] 2015-01-12 (PCT/AU2015/000007)
[87] (WO2015/103668)
[30] AU (2014900092) 2014-01-13

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[25] EN
[54] **PYRROLIDINYL SULFONE DERIVATIVES AND THEIR USE AS ROR GAMMA MODULATORS**
[54] **DERIVES DE PYRROLIDINYLE SULFONE ET LEUR UTILISATION EN TANT QUE MODULATEURS DE ROR GAMMA**
[72] DUAN, JINGWU, US
[72] DHAR, T.G. MURALI, US
[72] JIANG, BIN, US
[72] LU, ZHONGHUI, US
[72] XIAO, HAI-YUN, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2016-07-06
[86] 2015-01-05 (PCT/US2015/010089)
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[30] US (61/923,896) 2014-01-06

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[51] **Int.Cl. E21B 34/10 (2006.01) E21B 3/04 (2006.01) E21B 31/20 (2006.01)**
[25] EN
[54] **ADJUSTABLE SPRING LOADED VALVE FOR A CORE BARREL HEAD ASSEMBLY**
[54] **VANNE A RESSORT AJUSTABLE POUR UN ENSEMBLE TETE DE CAROTTIER**
[72] SALVADOR, PATRICK, CA
[72] LAMBERT, PAUL, CA
[71] ATLAS COPCO CANADA INC., CA
[85] 2016-07-07
[86] 2014-01-09 (PCT/CA2014/050009)
[87] (WO2015/103686)

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[13] A1
[51] **Int.Cl. G21C 9/004 (2006.01)**
[25] EN
[54] **PASSIVELY INITIATED DEPRESSURIZATION VALVE FOR LIGHT WATER REACTORS**
[54] **VANNE DE DEPRESSURISATION DECLENCHEE DE MANIERE PASSIVE POUR DES REACTEURS A EAU LEGERE**
[72] WATSON, RONALD C., US
[72] MALLOY, JOHN D., III, US
[71] BWXT MPOWER, INC., US
[85] 2016-07-06
[86] 2015-01-06 (PCT/US2015/010214)
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[30] US (61/924,038) 2014-01-06
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[51] **Int.Cl. F21V 23/00 (2015.01) F21S 4/00 (2016.01) H05B 37/02 (2006.01)**
[25] EN
[54] **LED LAMP, AND METHOD OF DRIVING AT LEAST ONE LED STRING THEREOF**
[54] **LAMPE A DEL ET PROCEDE D'ATTAQUE D'AU MOINS UNE CHAINE DE DEL ASSOCIEE**
[72] MALBOEUF, MATHIEU, CA
[72] BRAUN, DORIAN, CA
[72] PIASKOWSKI, ANDREW DIONIZY, CA
[71] BRAMAL LED INC., CA
[85] 2016-07-07
[86] 2014-01-21 (PCT/CA2014/050042)
[87] (WO2014/113886)
[30] US (61/755,128) 2013-01-22

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[13] A1
[51] **Int.Cl. B62D 35/00 (2006.01) B62D 37/02 (2006.01)**
[25] EN
[54] **REAR SPOILER DEVICE FOR A VEHICLE**
[54] **SYSTEME DE DEFLECTEUR D'AIR ARRIERE POUR VEHICULE**
[72] DIECKMANN, THOMAS, DE
[72] INKERMANN, DAVID, DE
[72] NEUMANN, CHISTOPHER, DE
[72] VAN RAEMDONCK, GANDERT MARCEL RITA, NL
[71] WABCO EUROPE BVBA, BE
[85] 2016-07-07
[86] 2015-02-10 (PCT/EP2015/000275)
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[30] DE (10 2014 002 200.5) 2014-02-21
[30] DE (10 2014 014 215.9) 2014-09-20

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[51] **Int.Cl. B63J 2/04 (2006.01) B63G 13/02 (2006.01) E06B 7/02 (2006.01) H01Q 15/00 (2006.01) H01Q 17/00 (2006.01)**
[25] FR
[54] **VENTILATION LOUVRE AND ASSOCIATED NAVAL VESSEL**
[54] **VENTELLE D'AERATION ET ENGIN NAVAL ASSOCIE**
[72] RENAUD, FREDERIC FERNAND PIERRE, FR
[72] BERNICOT, YVES, FR
[71] DCNS, FR
[85] 2016-07-07
[86] 2015-01-12 (PCT/EP2015/050412)
[87] (WO2015/110305)
[30] FR (14 00116) 2014-01-21

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **METHOD FOR DECONVOLUTION OF NUCLEIC ACID-CONTAINING SUBSTANCE MIXTURES**
[54] **PROCEDE DE DECONVOLUTION DE MELANGES DE SUBSTANCES CONTENANT UN ACIDE NUCLEIQUE**
[72] ZHANG, YIXIN, DE
[72] HERRMANN, JANA, DE
[72] WIEDUWILD, ROBERT, DE
[72] BODEN, ANNETT, DE
[71] TECHNISCHE UNIVERSITAT DRESDEN, DE
[85] 2016-07-07
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[30] DE (10 2014 200 446.2) 2014-01-13

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[51] **Int.Cl. F16F 7/12 (2006.01) B61G 11/16 (2006.01) B64D 1/14 (2006.01)**
[25] EN
[54] **IMPACT ATTENUATION DEVICE**
[54] **DISPOSITIF D'ATTENUATION D'IMPACT**
[72] MELIKECHI, ABDENOUR, BE
[71] COCKERILL MAINTENANCE & INGENIERIE S.A., BE
[85] 2016-07-07
[86] 2015-01-20 (PCT/EP2015/051008)
[87] (WO2015/113867)
[30] BE (2014/0046) 2014-01-29

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[51] **Int.Cl. A61L 2/07 (2006.01) B67D 7/02 (2010.01) A61J 1/20 (2006.01) A61L 2/00 (2006.01) F17C 5/06 (2006.01)**
[25] FR
[54] **DEVICE AND METHOD FOR TRANSFERRING A STERILE PRODUCT BETWEEN TWO CONTAINERS**
[54] **DISPOSITIF ET PROCEDE POUR LE TRANSFERT D'UN PRODUIT STERILE ENTRE DEUX CONTENEURS**
[72] DELAUNAY, JEAN-CLAUDE, FR
[72] SERRA, LAURENT, FR
[71] PIERRE FABRE DERMO-COSMETIQUE, FR
[85] 2016-07-07
[86] 2015-01-22 (PCT/EP2015/051256)
[87] (WO2015/110531)
[30] FR (1450604) 2014-01-24

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[51] **Int.Cl. F17D 5/00 (2006.01) G06Q 10/06 (2012.01) G06Q 50/08 (2012.01) F16L 1/06 (2006.01) F16L 55/00 (2006.01) G06F 17/30 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **TRACKING INSPECTION ATTRIBUTES IN PIPING INSTALLATIONS**
[54] **SUIVI DES ATTRIBUTS D'INSPECTION DANS DES INSTALLATIONS DE TUYAUTERIE**
[72] BOKER, SCOTT, CA
[72] JANZ, BRYAN, CA
[71] MSP RESOURCING CANADA INC., CA
[85] 2016-07-07
[86] 2015-01-16 (PCT/CA2015/000025)
[87] (WO2015/106340)
[30] CA (2839467) 2014-01-16

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[13] A1
[51] **Int.Cl. E21B 19/22 (2006.01)**
[25] EN
[54] **CONVEYOR APPARATUS**
[54] **APPAREIL TRANSPORTEUR**
[72] BJORNENAK, MADS, NO
[71] STIMLINE AS, NO
[85] 2016-07-07
[86] 2015-01-23 (PCT/EP2015/051346)
[87] (WO2015/113905)
[30] NO (20140095) 2014-01-28

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[51] **Int.Cl. B05B 11/00 (2006.01) B65D 81/32 (2006.01) B65D 83/62 (2006.01) B65D 83/68 (2006.01)**
[25] FR
[54] **TWO-CHANNEL DISPENSING DEVICE INTENDED TO CLOSE A BOTTLE**
[54] **DISPOSITIF DE DISTRIBUTION A DEUX VOIES DESTINE A FERMER UN FLACON**
[72] BOREL, BERNARD, FR
[72] MONFROY, GERARD, FR
[71] LINDAL FRANCE SAS, FR
[85] 2016-07-07
[86] 2015-01-27 (PCT/EP2015/051607)
[87] (WO2015/110657)
[30] FR (1450638) 2014-01-27

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[51] **Int.Cl. A61K 39/21 (2006.01)**
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[54] **METHOD FOR THE VACCINATION AGAINST HIV**
[54] **METHODE DE VACCINATION CONTRE LE VIH**
[72] LUNDEMOSE, ANKER, NO
[72] OKVIST, MATS, NO
[72] HOVDEN, ARNT OVE, NO
[72] GRONVOLD, MAJA SOMMERFELT, NO
[71] BIONOR IMMUNO AS, NO
[85] 2016-07-07
[86] 2015-01-27 (PCT/EP2015/051628)
[87] (WO2015/110666)
[30] EP (14152659.0) 2014-01-27

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[51] **Int.Cl. B60L 11/18 (2006.01) B61L 3/12 (2006.01) B61L 3/22 (2006.01) B61L 3/24 (2006.01) B61L 15/00 (2006.01) B61L 25/02 (2006.01) G01S 5/00 (2006.01) G01S 11/00 (2006.01) G05D 1/02 (2006.01) G08C 17/04 (2006.01) H02J 7/02 (2016.01) H04B 5/02 (2006.01) H04L 27/10 (2006.01)**
[25] EN
[54] **A METHOD OF COMMUNICATION BETWEEN A VEHICLE AND A WAYSIDE CONTROL UNIT FOR CONTROLLING AN INDUCTIVE ENERGY TRANSFER TO THE VEHICLE, A VEHICLE, A WAYSIDE CONTROL UNIT AND AN ARRANGEMENT OF A VEHICLE AND A WAYSIDE CONTROL UNIT**
[54] **PROCEDE DE COMMUNICATION ENTRE UN VEHICULE ET UNE UNITE DE COMMANDE EN BORDURE DE VOIE DESTINEE A COMMANDER UN TRANSFERT D'ENERGIE PAR INDUCTION VERS LE VEHICULE, VEHICULE, UNITEDE COMMANDE EN BORDURE DE VOIE ET AGENCEMENT D'UN VEHICULE ET D'UNE UNITE DE COMMANDE EN BORDURE DE VOIE**
[72] WIERSE, RALF, DE
[72] QUINTERN, TOBIAS, DE
[72] SCHNARR, THORALF, DE
[71] BOMBARDIER PRIMOVE GMBH, DE
[85] 2016-07-07
[86] 2015-02-04 (PCT/EP2015/052253)
[87] (WO2015/117989)
[30] GB (1401960.8) 2014-02-05

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[13] A1
[51] **Int.Cl. A61F 5/04 (2006.01) A61F 2/50 (2006.01) A61F 5/01 (2006.01)**
[25] EN
[54] **POROUS ORTHOPEDIC OR PROSTHETIC SUPPORT HAVING REMOVABLE CUSHIONING AND SCAFFOLDING LAYERS**
[54] **SUPPORT ORTHOPEDIQUE OU PROSTHETIQUE POREUX AYANT DES COUCHES D'AMORTISSEMENT ET D'ECHAFAUDAGE AMOVIBLES**
[72] BARBERIO, ALESSANDRO, CA
[71] BARBERIO, ALESSANDRO, CA
[85] 2016-07-07
[86] 2015-01-09 (PCT/CA2015/050014)
[87] (WO2015/103708)
[30] US (61/964,617) 2014-01-10
[30] US (61/998,832) 2014-07-10
[30] US (62/071,898) 2014-10-06
[30] US (62/123,994) 2014-12-05
[30] US (62/124,956) 2015-01-09

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[51] **Int.Cl. A61F 9/007 (2006.01) A61B 17/30 (2006.01)**
[25] EN
[54] **SURGICAL INSTRUMENT WITH ADHESION OPTIMIZED EDGE CONDITION**
[54] **INSTRUMENT CHIRURGICAL AYANT UN ETAT DE BORD D'ADHERENCE OPTIMISEE**
[72] VEZZU, GUIDO, CH
[72] GRUEEBLER, RETO, CH
[71] NOVARTIS AG, CH
[85] 2016-07-07
[86] 2015-02-10 (PCT/EP2015/052791)
[87] (WO2015/124467)
[30] US (61/943,805) 2014-02-24

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[51] **Int.Cl. B01J 31/18 (2006.01) B01J 37/00 (2006.01)**
[25] EN
[54] **IRON(II) CATALYSTS CONTAINING TRIDENTATE PNP LIGANDS, THEIR SYNTHESIS, AND USE THEREOF**
[54] **CATALYSEURS AU FER(II) CONTENANT DES LIGANDS PNP TRIDENTES, LEUR SYNTHESE ET LEUR UTILISATION**
[72] MORRIS, ROBERT H., CA
[72] LAGADITIS, PARASKEVI OLYMPIA, CA
[72] SONNENBERG, JESSICA, CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[85] 2016-07-07
[86] 2015-01-08 (PCT/CA2015/050008)
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[30] US (61/925,021) 2014-01-08

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[51] **Int.Cl. E21B 43/16 (2006.01) E21B 33/12 (2006.01) E21B 33/124 (2006.01) E21B 34/14 (2006.01)**
[25] EN
[54] **RE-FRACTURE APPARATUS AND METHOD FOR WELLBORE**
[54] **APPAREIL ET PROCEDE DE RE-FRACTURE POUR PUITS DE FORAGE**
[72] WILLIAMSON, SCOTT, US
[72] VALKENBURG, COMELIS, US
[71] WEATHERFORD/LAMB, INC., US
[85] 2016-04-25
[86] 2014-10-24 (PCT/US2014/062127)
[87] (WO2015/061655)
[30] US (61/895,858) 2013-10-25

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[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01)**
[25] EN
[54] **ELECTROMAGNETIC TOMOGRAPHY SOLUTIONS FOR SCANNING HEAD**
[54] **SOLUTIONS DE TOMOGRAPHIE ELECTROMAGNETIQUE POUR BALAYAGE DE TETE**
[72] SEMENOV, SERGUEI Y., AT
[71] EMTENSOR GMBH, AT
[85] 2016-05-20
[86] 2013-11-21 (PCT/US2013/071360)
[87] (WO2014/081992)
[30] US (61/729,319) 2012-11-21

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[51] **Int.Cl. A61K 38/07 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR PREVENTING OR TREATING DOMINANT OPTIC ATROPHY**
[54] **METHODES ET COMPOSITIONS POUR PREVENIR OU TRAITER UNE ATROPHIE OPTIQUE DOMINANTE**
[72] WILSON, D. TRAVIS, US
[71] STEALTH BIOTHERAPEUTICS CORP, MC
[85] 2016-07-06
[86] 2015-01-06 (PCT/US2015/010230)
[87] (WO2015/103577)
[30] US (61/924,021) 2014-01-06

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[13] A1
[51] **Int.Cl. H01B 13/14 (2006.01) C09D 127/16 (2006.01) H01B 19/04 (2006.01)**
[25] EN
[54] **COATED OVERHEAD CONDUCTOR**
[54] **CONDUCTEUR AERIEN RECOUVERT**
[72] RANGANATHAN, SATHISH KUMAR, US
[72] MHETAR, VIJAY, US
[72] SIRIPURAPU, SRINIVAS, US
[72] DAVIS, CODY R., US
[72] CLARK, FRANK E., US
[71] GENERAL CABLE TECHNOLOGIES CORPORATION, US
[85] 2016-07-06
[86] 2015-01-08 (PCT/US2015/010619)
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[30] US (61/925,053) 2014-01-08

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[13] A1
[51] **Int.Cl. A61B 18/02 (2006.01)**
[25] EN
[54] **DEVICE FOR NON-SURGICAL COLD TREATMENT OF DISORDERS**
[54] **DISPOSITIF POUR TRAITEMENT A FROID NON CHIRURGICAL DE TROUBLES**
[72] HERWEIJER, JAN PHILIP, NL
[72] STAL, ROBERT SEBASTIAAN, NL
[72] WITTE, JOHANNES HENDRICUS, NL
[72] KNEPPERS, JOB, NL
[71] YOUMEDICAL BRANDS B.V., NL
[85] 2016-07-07
[86] 2014-01-23 (PCT/EP2014/051293)
[87] (WO2014/114696)
[30] EP (13152730.1) 2013-01-25
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[13] A1
[51] **Int.Cl. C11D 3/42 (2006.01)**
[25] EN
[54] **FLUORESCENT BRIGHTENER PREMIX**
[54] **PREMELANGE D'AGENT DE BLANCHIMENT FLUORESCENT**
[72] LI, FEI, CN
[72] FENG, FANGFANG, CN
[72] NIU, LIYUAN, CN
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-07-07
[86] 2014-01-20 (PCT/CN2014/070867)
[87] (WO2015/106449)

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[51] **Int.Cl. A61B 3/00 (2006.01) A61B 3/028 (2006.01) A61B 3/032 (2006.01) A61B 3/08 (2006.01)**
[25] EN
[54] **METHOD FOR OPTOTYPE REPRESENTATION, OPTOTYPE REPRESENTATION, CORRESPONDING USE AND IMAGE OUTPUT DEVICE**
[54] **PROCEDE DE PRESENTATION D'OPTOTYPES, PRESENTATION D'OPTOTYPES, UTILISATION ET APPAREIL DE SORTIE D'IMAGE ASSOCIES**
[72] KALDER, DIETER, DE
[72] PASSMANN, FRITZ, DE
[71] IPRO GMBH, DE
[71] KALDER, DIETER, DE
[71] PASSMANN, FRITZ, DE
[85] 2016-07-07
[86] 2014-11-17 (PCT/EP2014/074805)
[87] (WO2015/078720)
[30] DE (20 2013 010 668.9) 2013-11-28

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[13] A1
[51] **Int.Cl. A61B 17/115 (2006.01)**
[25] EN
[54] **SURGICAL STAPLING APPARATUS**
[54] **APPAREIL D'AGRAFAGE CHIRURGICAL**
[72] CHEN, LIN, CN
[72] HUI, ZHAN, CN
[72] ZHANG, JIANGFENG, CN
[72] HU, WEI, CN
[72] ZHANG, XILIANG, CN
[72] WANG, FENG, CN
[71] COVIDIEN LP, US
[85] 2016-07-07
[86] 2014-03-26 (PCT/CN2014/074065)
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[51] **Int.Cl. C04B 14/20 (2006.01) C04B 26/14 (2006.01) C04B 26/16 (2006.01) C04B 28/04 (2006.01) C04B 28/06 (2006.01) C04B 28/16 (2006.01) C04B 40/00 (2006.01)**
[25] EN
[54] **ADDITIVE MIXTURE FOR ADDITION TO A MIXTURE OF SURFACING MATERIALS AND THE COMPOSITE SURFACING SYSTEMS FORMED THEREFROM**
[54] **MELANGE D'ADDITIFS DESTINE A ETRE AJOUTE A UN MELANGE DE MATERIAUX DE REVETEMENT ET SYSTEME DE REVETEMENT COMPOSITE FORME A PARTIR DE CE MELANGE**
[72] HAUSER, KASPAR, CH
[71] SYNFOLA GMBH, CH
[85] 2016-07-07
[86] 2014-11-28 (PCT/EP2014/075976)
[87] (WO2015/104096)
[30] CH (00025/14) 2014-01-10

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[51] **Int.Cl. H04W 24/04 (2009.01)**
[25] EN
[54] **WIRELESS COMMUNICATION SYSTEM, APPARATUS IN WIRELESS COMMUNICATION SYSTEM AND METHOD**
[54] **SYSTEME DE COMMUNICATION SANS FIL, APPAREIL DANS LEDIT SYSTEME DE COMMUNICATION SANS FIL ET PROCEDE**
[72] XU, XIAODONG, CN
[72] HONG, YATENG, CN
[72] LIU, YA, CN
[71] SONY CORPORATION, JP
[85] 2016-07-07
[86] 2015-01-22 (PCT/CN2015/071295)
[87] (WO2015/110029)
[30] CN (201410035684.9) 2014-01-24

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[51] **Int.Cl. H04W 76/02 (2009.01)**
[25] EN
[54] **COMMUNICATIONS DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE COMMUNICATION**
[72] MARTIN, BRIAN ALEXANDER, GB
[71] SONY CORPORATION, JP
[85] 2016-07-07
[86] 2014-12-16 (PCT/EP2014/078093)
[87] (WO2015/113696)
[30] EP (14153512.0) 2014-01-31

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[51] **Int.Cl. H04W 72/10 (2009.01)**
[25] EN
[54] **METHOD, BASE STATION AND USER EQUIPMENT FOR RADIO COMMUNICATION IN RADIO COMMUNICATION SYSTEM**
[54] **PROCEDE, STATION DE BASE ET EQUIPEMENT UTILISATEUR POUR UNE COMMUNICATION RADIO DANS UN SYSTEME DE RADIOCOMMUNICATION**
[72] QIN, ZHONGBIN, CN
[71] SONY CORPORATION, JP
[85] 2016-07-07
[86] 2015-01-27 (PCT/CN2015/071628)
[87] (WO2015/113484)
[30] CN (201410042432.9) 2014-01-28

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[51] **Int.Cl. G01V 7/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR TWO DIMENSIONAL GRAVITY MODELING WITH VARIABLE DENSITIES**
[54] **SYSTEME ET PROCEDES PERMETTANT UNE MODELISATION DE LA GRAVITE EN DEUX DIMENSIONS AVEC DES DENSITES VARIABLES**
[72] LI, XIONG, FR
[72] WIGGINS, BARRY, FR
[71] CGG SERVICES SA, FR
[85] 2016-07-07
[86] 2015-01-05 (PCT/IB2015/000093)
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[30] US (61/926,842) 2014-01-13

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[51] **Int.Cl. C12N 15/11 (2006.01) A61K 31/7088 (2006.01)**
[25] EN
[54] **MICRO-RNAS AND COMPOSITIONS COMPRISING SAME FOR THE TREATMENT AND DIAGNOSIS OF SEROTONIN-, ADRENALIN-, NORADRENALIN-, GLUTAMATE-, AND CORTICOTROPIN-RELEASING HORMONE- ASSOCIATED MEDICAL CONDITIONS**
[54] **MICRO-ARN ET COMPOSITIONS LES COMPRENANT POUR LE TRAITEMENT ET LE DIAGNOSTIC DE TROUBLES MEDICAUX ASSOCIES A LA SEROTONINE, A L'ADRENALINE, A LA NORADRENALINE, AU GLUTAMATE ET A L'HORMONE DE LIBERATION DE LA CORTICOTROPINE**
[72] CHEN, ALON, IL
[72] ISSLER, ORNA, IL
[71] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL
[85] 2016-07-07
[86] 2015-02-05 (PCT/IL2015/050132)
[87] (WO2015/118537)
[30] US (61/935,912) 2014-02-05

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[25] EN
[54] **BIOLOGICAL MATERIALS AND THERAPEUTIC USES THEREOF**
[54] **MATERIELS BIOLOGIQUES ET LEURS UTILISATIONS THERAPEUTIQUES**
[72] MIDWOOD, KIM SUZANNE, GB
[72] VENABLES, PATRICK JOHN, GB
[71] IMPERIAL INNOVATIONS LIMITED, GB
[85] 2016-07-07
[86] 2015-01-13 (PCT/GB2015/050053)
[87] (WO2015/104564)
[30] GB (1400517.7) 2014-01-13

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[51] **Int.Cl. F16H 61/66 (2006.01) B60W 30/182 (2012.01) B60W 10/06 (2006.01) B60W 10/08 (2006.01)**
[25] EN
[54] **VEHICLE PROVIDED WITH CONTINUOUSLY VARIABLE TRANSMISSION DEVICE**
[54] **VEHICULE EQUIPE D'UN DISPOSITIF DE TRANSMISSION A VARIATION CONTINUE**
[72] TSURUTA, YOSHIAKI, JP
[72] BABA, MASAYUKI, JP
[71] TOYOTO JIDOSHA KABUSHIKI KAISHA, JP
[85] 2016-07-07
[86] 2014-12-30 (PCT/IB2014/002899)
[87] (WO2015/107381)
[30] JP (2014-004901) 2014-01-15

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[25] EN
[54] **SUBSTITUTED BICYCLIC HETEROARYL COMPOUNDS AS RXR AGONISTS**
[54] **COMPOSES HETEROARYLE BICYCLIQUES SUBSTITUES UTILISES COMME AGONISTES DE RXR**
[72] RANGA, MADHAVAN GURRAM, IN
[72] RAO, JAGANNATH MADANAHALLI RANGANATH, IN
[72] GUDLA, CHANDRA SEKHAR, IN
[71] CONNEXIOS LIFE SCIENCES PVT. LTD., IN
[85] 2016-07-07
[86] 2015-01-09 (PCT/IN2015/000010)
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[30] IN (161/CHE/2014) 2014-01-14

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[51] **Int.Cl. F28D 20/00 (2006.01)**
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[54] **DEVICE COMPRISING A RECEPTACLE FOR STORING A LIQUID**
[54] **DISPOSITIF DOTE D'UN CONTENANT SERVANT A STOCKER UN LIQUIDE**
[72] FRANCK, JAN, DE
[71] FRANCK, JAN, DE
[85] 2016-07-07
[86] 2015-01-14 (PCT/IB2015/000021)
[87] (WO2015/107410)
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[51] **Int.Cl. H04N 21/6437 (2011.01) H04N 21/238 (2011.01) G06F 13/00 (2006.01)**
[25] EN
[54] **COMMUNICATION APPARATUS, COMMUNICATION DATA GENERATION METHOD, AND COMMUNICATION DATA PROCESSING METHOD**
[54] **APPAREIL DE COMMUNICATION, PROCEDE DE GENERATION DE DONNEES DE COMMUNICATION ET PROCEDE DE TRAITEMENT DE DONNEES DE COMMUNICATION**
[72] YAMAGISHI, YASUAKI, JP
[71] SONY CORPORATION, JP
[85] 2016-07-07
[86] 2014-12-01 (PCT/JP2014/081715)
[87] (WO2015/107786)
[30] JP (2014-006881) 2014-01-17

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[51] **Int.Cl. F26B 17/32 (2006.01) B01D 33/04 (2006.01) B01D 33/58 (2006.01) B01D 33/80 (2006.01) C22B 7/00 (2006.01) C22B 9/02 (2006.01) F26B 5/14 (2006.01) F26B 17/28 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SOLID-LIQUID SEPARATION AND DRYING OF FINE-POWDER SLURRY**
[54] **EQUIPEMENT POUR LA SEPARATION SOLIDE-LIQUIDE ET SECHAGE D'UNE BOUILLIE DE POUDRE FINE ET PROCEDE ASSOCIE**
[72] NAKATA, YOICHI, JP
[72] WATARAI, TOMONORI, JP
[72] SATO, SUMITO, JP
[72] SUWA, SATOSHI, JP
[72] HOMMA, TOMOKI, JP
[71] TSUKISHIMA KIKAI CO., LTD., JP
[85] 2016-07-07
[86] 2014-12-22 (PCT/JP2014/083952)
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[54] **PROSTHETIC DEVICE FOR A HEART VALVE**
[54] **DISPOSITIF DE PROTHESE POUR VALVULE CARDIAQUE**
[72] RIGHINI, GIOVANNI, CH
[72] ZANON, SARAH, CH
[71] INNOVHEART S.R.L., IT
[85] 2016-07-07
[86] 2015-02-04 (PCT/IB2015/050849)
[87] (WO2015/118464)
[30] IT (BO2014A000050) 2014-02-04
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[51] **Int.Cl. H02K 15/02 (2006.01) H02K 1/18 (2006.01) H02K 1/22 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING LAMINATED CORE**
[54] **METHODE DE FABRICATION DE NOYAU STRATIFIE**
[72] NAGAI, AKIRA, JP
[72] TEZUKA, SHOGO, JP
[71] MITSUI HIGH-TEC, INC., JP
[85] 2016-07-07
[86] 2015-01-08 (PCT/JP2015/050330)
[87] (WO2015/105133)
[30] JP (2014-003486) 2014-01-10
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[51] **Int.Cl. G03F 9/00 (2006.01) B29C 67/00 (2006.01) G06F 17/50 (2006.01)**
[25] EN
[54] **METHOD AND EQUIPMENT FOR DEFINING A SUPPORTING STRUCTURE FOR A THREE-DIMENSIONAL OBJECT TO BE MADE THROUGH STEREOLITHOGRAPHY**
[54] **PROCEDE ET EQUIPEMENT PERMETTANT DE DEFINIR UNE STRUCTURE DE SOUTIEN POUR UN OBJET TRIDIMENSIONNEL A REALISER PAR STEREOLITHOGRAPHIE**
[72] MAROZIN, ALESSANDRO, IT
[71] DWS S.R.L., IT
[85] 2016-07-07
[86] 2015-03-24 (PCT/IB2015/052139)
[87] (WO2015/145346)
[30] IT (VI2014A000074) 2014-03-25

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[51] **Int.Cl. C03C 27/12 (2006.01) B32B 27/18 (2006.01) B32B 27/30 (2006.01)**
[25] EN
[54] **LAMINATED GLASS AND METHOD FOR FITTING LAMINATED GLASS**
[54] **VERRE FEUILLETE ET SON PROCEDE D'AJUSTEMENT**
[72] YAMAGUCHI, KOUHEI, JP
[72] YAMAMOTO, MASAKI, JP
[72] NAKAJIMA, DAISUKE, JP
[72] MATSUMOTO, IZUMI, JP
[71] SEKISUI CHEMICAL CO., LTD., JP
[85] 2016-07-07
[86] 2015-01-30 (PCT/JP2015/052774)
[87] (WO2015/115627)
[30] JP (2014-016453) 2014-01-31
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[51] **Int.Cl. C03C 27/12 (2006.01) B32B 27/18 (2006.01) B32B 27/30 (2006.01)**
[25] EN
[54] **INTERMEDIATE FILM FOR LAMINATED GLASS, LAMINATED GLASS AND METHOD FOR FITTING LAMINATED GLASS**
[54] **FILM INTERMEDIAIRE DESTINE A UN VERRE FEUILLETE, VERRE FEUILLETE ET PROCEDE D'AJUSTEMENT DE VERRE FEUILLETE**
[72] YAMAGUCHI, KOUHEI, JP
[72] YAMAMOTO, MASAKI, JP
[72] NAKAJIMA, DAISUKE, JP
[72] MATSUMOTO, IZUMI, JP
[71] SEKISUI CHEMICAL CO., LTD., JP
[85] 2016-07-07
[86] 2015-01-30 (PCT/JP2015/052773)
[87] (WO2015/115626)
[30] JP (2014-016453) 2014-01-31
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[51] **Int.Cl. H05B 3/34 (2006.01)**
[25] EN
[54] **METHOD AND ARRANGEMENT FOR MANUFACTURE OF A PRODUCT OR COMPLETION OF A PRODUCT**
[54] **PROCEDE ET AGENCEMENT DE FABRICATION D'UN PRODUIT OU D'ACHEVEMENT D'UN PRODUIT**
[72] LINDSKOG, KJELL, SE
[71] LINDSKOG, KJELL, SE
[85] 2016-07-07
[86] 2014-12-23 (PCT/SE2014/000159)
[87] (WO2015/105439)
[30] SE (1400015-2) 2014-01-13
[30] SE (1400200-0) 2014-04-14

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[51] **Int.Cl. H04R 1/08 (2006.01)**
[25] EN
[54] **MICROPHONE ENVIRONMENTAL PROTECTION DEVICE**
[54] **DISPOSITIF DE PROTECTION D'UN MICROPHONE CONTRE L'ENVIRONNEMENT**
[72] PARKINS, JOHN W., US
[71] RED TAIL HAWK CORPORATION, US
[85] 2016-07-07
[86] 2014-01-09 (PCT/US2014/010830)
[87] (WO2014/110233)
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[51] **Int.Cl. G06F 7/04 (2006.01)**
[25] EN
[54] **STREAMING MULTIPLE ENCODINGS ENCODED USING DIFFERENT ENCODING PARAMETERS**
[54] **LECTURE EN FLUX CONTINU DE CODAGES MULTIPLES CODES AVEC DIFFERENTS PARAMETRES DE CODAGE**
[72] MARLATT, SHAUN P., CA
[72] SHIR, OREN, CA
[72] NEUFELD, PETER W., CA
[72] NGUYEN, VAN C., CA
[72] AFROOZE, SINA, CA
[71] AVIGILON CORPORATION, CA
[85] 2016-07-07
[86] 2014-12-19 (PCT/US2014/071735)
[87] (WO2015/108672)
[30] US (61/927,952) 2014-01-15
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[51] **Int.Cl. H02B 1/04 (2006.01)**
[25] EN
[54] **HYBRID NEUTRAL PLUG ON BAR WITH DISTRIBUTED PITCH**
[54] **FICHE NEUTRE HYBRIDE SUR BARRE A PAS DISTRIBUE**
[72] MITTELSTADT, CHAD, US
[72] BROGHAMMER, WILLIAM, US
[71] SCHNEIDER ELECTRIC USA, INC., US
[85] 2016-07-07
[86] 2014-02-06 (PCT/US2014/015044)
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[51] **Int.Cl. E03D 9/04 (2006.01) E03D 9/05 (2006.01)**
[25] EN
[54] **FLUSH TOILET WITH DEODORIZING FUNCTION**
[54] **TOILETTE A CHASSE DOTEE D'UNE FONCTION DESODORISANTE**
[72] JUN, JAE DUK, KR
[72] JUN, BYOUNG PYO, KR
[71] JUN, JAE DUK, KR
[85] 2016-07-07
[86] 2014-02-26 (PCT/KR2014/001560)
[87] (WO2015/111789)
[30] KR (10-2014-0009822) 2014-01-27

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[13] A1
[51] **Int.Cl. B62D 55/20 (2006.01) B62D 55/14 (2006.01) B62D 55/26 (2006.01)**
[25] EN
[54] **TRACK SYSTEM FOR A MACHINE**
[54] **SYSTEME DE CHENILLE POUR UNE MACHINE**
[72] HAKES, DAVID, US
[71] CATERPILLAR INC., US
[85] 2016-07-07
[86] 2014-12-22 (PCT/US2014/071931)
[87] (WO2015/108680)
[30] US (14/154,768) 2014-01-14

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[13] A1
[51] **Int.Cl. C09J 7/02 (2006.01) C09J 151/06 (2006.01)**
[25] EN
[54] **ARTICLES, COMPOSITIONS, SYSTEMS, AND METHODS USING SELECTIVELY DETACKIFIED ADHESIVES**
[54] **ARTICLES, COMPOSITIONS, SYSTEMES ET PROCEDES UTILISANT DES ADHESIFS SELECTIVEMENT RENDUS SECS AU TOUCHER**
[72] DE BOER, ROBERT H., NL
[72] HAYCOX, RONALD, US
[72] JANKO, PAVEL, NL
[72] WHITMAN, DAVE, US
[71] AVERY DENNISON CORPORATION, US
[85] 2016-07-07
[86] 2014-12-30 (PCT/US2014/072640)
[87] (WO2015/105708)
[30] US (61/924,900) 2014-01-08
[30] US (62/063,131) 2014-10-13

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[51] **Int.Cl. G06Q 30/06 (2012.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **SERVICE PLATFORM PROVIDED WITH SHOPPING MALL SYSTEM FOR PROVIDING SERVICE PRODUCT ACCORDING TO SALES RECORD AND PRODUCT PROMOTION SYSTEM FOR PROVIDING PROMOTIONAL GIVEAWAY PRODUCT ACCORDING TO PRODUCT PROMOTION, AND SERVICE PROVIDING METHOD**
[54] **PLATE-FORME DE SERVICES MUNIE D'UN SYSTEME DE GALERIE MARCHANDE POUR OFFRIR UN PRODUIT DE SERVICES D'APRES UN REGISTRE DE VENTES ET SYSTEME DE PROMOTION DE PRODUITS POUR OFFRIR UN PRODUIT COMME CADEAU PROMOTIONNEL SELON UNE PROMOTION DE PRODUITS, ET PROCEDE DE FOURNITURE DE SERVICES**
[72] LEE, YONG CHAE, KR
[71] BYTEGRAM CO., LTD., KR
[85] 2016-07-07
[86] 2015-01-09 (PCT/KR2015/000252)
[87] (WO2015/105382)
[30] KR (10-2014-0003611) 2014-01-10

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[25] EN
[54] **METHOD AND APPARATUS FOR ANALYSIS OF ALKYLATION CATALYST COMPOSITION**
[54] **PROCEDE ET APPAREIL POUR L'ANALYSE DE LA COMPOSITION D'UN CATALYSEUR D'ALKYLATION**
[72] TRYGSTAD, W. MARCUS, US
[71] YOKOGAWA CORPORATION OF AMERICA, US
[71] TRYGSTAD, W. MARCUS, US
[85] 2016-07-07
[86] 2015-01-12 (PCT/US2015/000002)
[87] (WO2015/108703)
[30] US (61/964,769) 2014-01-14

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[51] **Int.Cl. A61K 36/185 (2006.01) A61P 3/04 (2006.01)**
[25] EN
[54] **COMPOSITION COMPRISING OKRA FOR USE IN REDUCING DIETARY FAT ABSORPTION**
[54] **COMPOSITION COMPRENANT DU GOMBO, UTILISABLE POUR REDUIRE L'ABSORPTION DE GRAISSE ALIMENTAIRE**
[72] LAU, KAI ZHIA, MY
[71] INQPHARM GROUP SDN BHD, MY
[85] 2016-07-07
[86] 2015-01-16 (PCT/MY2015/000004)
[87] (WO2015/108408)
[30] MY (PI 2014700119) 2014-01-16

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[13] A1
[51] **Int.Cl. F01D 5/20 (2006.01) C04B 35/83 (2006.01) F01D 5/28 (2006.01)**
[25] EN
[54] **CERAMIC MATRIX COMPOSITE TURBINE BLADE SQUEALER TIP WITH FLARE AND METHOD THEREOF**
[54] **BOUT AMINCI D'AUBE DE TURBINE COMPOSITE A MATRICE CERAMIQUE AYANT UN EVASEMENT, ET PROCEDE ASSOCIE**
[72] WEAVER, MATTHEW MARK, US
[72] IZON, PAUL, US
[72] ALBERS, KATHLEEN ELIZABETH, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2016-07-07
[86] 2015-01-07 (PCT/US2015/010397)
[87] (WO2015/147958)
[30] US (61/928,748) 2014-01-17

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[51] **Int.Cl. C09K 8/12 (2006.01) C09K 8/035 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **TREATMENT FLUIDS AND USES THEREOF**
[54] **FLUIDES DE TRAITEMENT ET UTILISATIONS DE CEUX-CI**
[72] SINGH, DIPTI, US
[72] CORTEZ, JANETTE, US
[72] OGLE, JAMES WILLIAM, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-07-07
[86] 2014-02-20 (PCT/US2014/017299)
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[51] **Int.Cl. B29C 53/58 (2006.01) B01D 63/06 (2006.01) B29C 53/82 (2006.01)**
[25] EN
[54] **A TUBULAR MEMBRANE WITH A HELICAL RIDGE, AS WELL AS A METHOD AND APPARATUS FOR PRODUCING SUCH A TUBULAR MEMBRANE**
[54] **MEMBRANE TUBULAIRE POSSEDANT UNE NERVURE HELICOIDALE ET PROCEDE ET APPAREIL PERMETTANT DE PRODUIRE UNE TELLE MEMBRANE TUBULAIRE**
[72] OBORNY, RADEK, NL
[72] KOEL, STEFAN, NL
[72] POTRECK, JENS, DE
[71] X-FLOW B.V., NL
[85] 2016-07-07
[86] 2015-01-12 (PCT/NL2015/050016)
[87] (WO2015/108415)
[30] NL (2012109) 2014-01-20

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[13] A1
[51] **Int.Cl. A61K 51/04 (2006.01)**
[25] EN
[54] **LABELED MOLECULAR AGENTS FOR IMAGING CYSTINE/GLUTAMATE ANTIPORTER**
[54] **AGENTS MOLECULAIRES MARQUES POUR IMAGERIE VIA L'ANTIPORT CYSTINE/GLUTAMATE**
[72] HAY, BRUCE ALLAN, US
[72] WEBSTER, JACK MATHEW, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2016-07-07
[86] 2015-01-07 (PCT/US2015/010429)
[87] (WO2015/112333)
[30] US (14/161,863) 2014-01-23

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[51] **Int.Cl. E21B 23/14 (2006.01) E21B 23/00 (2006.01) E21B 43/11 (2006.01)**
[25] EN
[54] **WIRELINE TRACTOR COMPRISING A DISC-SHAPED CUTTING DEVICE FOR PERFORATING OF A TUBING WALL AND METHOD FOR PERFORATING A TUBING WALL**
[54] **TRACTEUR POUR TRAVAIL AU CABLE COMPRENANT UN DISPOSITIF DE COUPE EN FORME DE DISQUE POUR PERFORER UNE PAROI DE TUBE DE PRODUCTION ET PROCEDE POUR PERFORER UNE PAROI DE TUBE DE PRODUCTION**
[72] MOTLAND, ARNE, NO
[71] QINTERRA TECHNOLOGIES AS, NO
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[54] **SYSTEME ET PROCEDE POUR DECOURAGER L'UTILISATION INAPPROPRIEE D'UN DISPOSITIF MOBILE**
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[72] CORNWALL, GEOFF, US
[72] NEIHEISEL, GREG, US
[72] PEARCE, DAVID, US
[71] 20/20 CTE, LLC, US
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[54] **PROCEDES DE SYNTHESE DE COMPOSES D'UREE SUBSTITUES**
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[72] WAHNON, JORGE BRUNO REIS, PT
[72] MATON, WILLIAM, PT
[72] ESZENYI, TIBOR, HU
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[54] **ETUI IMPERMEABLE A L'EAU**
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[72] WRIGHT, JOSHUA, CN
[71] CATALYST LIFESTYLE LIMITED, CN
[71] LAI, JUNE, CN
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[54] **ENSEMBLES CABLES AUTO-NETTOYANTS**
[72] RANGANATHAN, SATHISH KUMAR, US
[72] MHETAR, VIJAY, US
[72] SIRIPURAPU, SRINIVAS, US
[72] DAVIS, CODY R., US
[71] GENERAL CABLE TECHNOLOGIES CORPORATION, US
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[54] **ENSEMBLE CANULE NASALE COMMUNICANT AVEC UN RESERVOIR DEFORMABLE**
[72] MARTIN, ANDREW, CA
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
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[54] **CALE DE REDUCTION DE CONTRAINTE DE PIED DE PALE COMPOSITE**
[72] KRAY, NICHOLAS JOSEPH, US
[72] LI, QIANG, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **BEARING LOCKING ASSEMBLIES AND METHODS OF ASSEMBLING THE SAME**
[54] **ENSEMBLES DE BLOCAGE DE PALIER ET LEURS PROCEDES D'ASSEMBLAGE**
[72] CARTER, BRUCE ALAN, US
[72] GANIGER, RAVINDRA SHANKAR, IN
[72] WAINWRIGHT, RICHARD CHARLES, US
[72] MOONGILPALAYAM CHENNIAPPAN, VENKATACHALAPATHY, IN
[72] CHELSTOWSKI, KRZYSZTOF, PL
[71] GENERAL ELECTRIC COMPANY, US
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[54] **INTERFACE POUR SYSTEME DE DISTRIBUTION DE COMBUSTIBLE POUR CLOUEUSE A COMBUSTION**
[72] VANSTAAN, VALERY H., US
[72] SHEA, MAUREEN LOUISE, US
[72] LARGO, MARC, US
[71] ILLINOIS TOOL WORKS INC., US
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[54] **METHODS FOR MARKING SUBSTRATES**
[54] **PROCEDES DE FABRICATION DE SUBSTRATS**
[72] MOFFATT, JOHN, US
[72] WYATT, MARK J., US
[72] SEN, RADHA, US
[72] ZHANG, YUAN YUAN, US
[71] AVERY DENNISON CORPORATION, US
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[25] EN
[54] **SYSTEMS AND METHODS FOR CONTROLLING AN OUTPUT POWER OF A WELDING POWER SUPPLY**
[54] **SYSTEMES ET PROCEDES DE COMMANDE DE PUISSANCE DE SORTIE D'UNE ALIMENTATION ELECTRIQUE DE SOUDAGE**
[72] ULRICH, JAMES F., US
[72] OVERESCH, JEREMY D., US
[72] BEISTLE, EDWARD G., US
[71] ILLINOIS TOOL WORKS INC., US
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[54] **MANCHON DE SUSPENSION EN CMC POUR ENVELOPPE EN CMC**
[72] STAPLETON, DAVID SCOTT, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **PROCEDE POUR FABRIQUER UN COMPRIME PAR RADIOFREQUENCE ET PARTICULES REVETUES A PERTE**
[72] SZYMCZAK, CHRISTOPHER E., US
[72] DAVE, VIPUL, US
[72] MCNALLY, GERARD P., US
[72] COCHRAN, DAVID B., US
[72] KOLL, GREGORY, US
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[54] **STORAGE MANAGEMENT OF DATA STREAMED FROM A VIDEO SOURCE DEVICE**
[54] **GESTION DU STOCKAGE DE DONNEES DIFFUSEES EN CONTINU A PARTIR D'UN DISPOSITIF SOURCE VIDEO**
[72] MARLATT, SHAUN P., CA
[72] SHIR, OREN, CA
[71] AVIGILON CORPORATION, CA
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[54] **DEVICES FOR APPLYING SURGICAL CLIPS**
[54] **DISPOSITIFS PERMETTANT D'APPLIQUER DES AGRAFES CHIRURGICALES**
[72] ROSSO, NATHANIEL RISLER, US
[72] MENN, PAVEL, US
[71] ENDODYNAMIX, INC., US
[71] MENN, PAVEL, US
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[54] **DEVICE FOR MEASURING THE INFRARED OUTPUT OF THE ABREU BRAIN THERMAL TUNNEL**
[54] **DISPOSITIF DE MESURE DE SORTIE INFRAROUGE DU TUNNEL THERMIQUE DU CERVEAU ABREU**
[72] ABREU, MARCIO MARC, US
[71] ABREU, MARCIO MARC, US
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[25] EN
[54] **PLATELET ACTIVATION AND GROWTH FACTOR RELEASE USING ELECTRIC PULSES**
[54] **ACTIVATION PLAQUETTAIRE ET LIBERATION DE FACTEURS DE CROISSANCE A L'AIDE D'IMPULSIONS ELECTRIQUES**
[72] NECULAES, VASILE BOGDAN, US
[72] TORRES, ANDREW SOLIZ, US
[72] CAIAFA, ANTONIO, US
[72] LEE, BRIAN DUH-LAN, US
[72] GARNER, ALLEN LAWRENCE, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **PARTICULES D'USURE ENCAPSULEES**
[72] MONTROSS, CHARLES S., US
[71] ESCO CORPORATION, US
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[25] EN
[54] **APPARATUS AND METHOD FOR GRADING UNSTRUCTURED DOCUMENTS USING AUTOMATED FIELD RECOGNITION**
[54] **APPAREIL ET PROCEDE PERMETTANT DE CLASSER DES DOCUMENTS NON STRUCTURES A L'AIDE D'UNE RECONNAISSANCE DE CHAMP AUTOMATIQUE**
[72] IAMS, KENNETH W., US
[71] IAMS, KENNETH W., US
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[54] **DISPOSITIF ELECTRONIQUE POUVANT ETRE PORTE**
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[71] ABREU, MARCIO MARC, US
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[54] **CONNECTEUR POUR DISPOSITIF JETABLE A USAGE UNIQUE**
[72] SOKOLOV, RICHARD, AU
[72] CULLEN, BENJAMIN JAMES, AU
[72] NORCOTT, ALISON RUTH, AU
[72] MONIS, ERNESTO HUESO, AU
[72] LAW, KAMMAN, AU
[72] PROFACA, MARK SILVIO, AU
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[54] **DEVICES TO MONITOR AND PROVIDE TREATMENT AT AN ABREU BRAIN TUNNEL**
[54] **DISPOSITIFS POUR SURVEILLER ET APPLIQUER UN TRAITEMENT AU NIVEAU D'UN TUNNEL CEREBRAL ABREU**
[72] ABREU, MARCIO MARC, US
[71] ABREU, MARCIO MARC, US
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[72] NYGREN, KURT, US
[72] BEZANIUK, WALTER S., US
[72] LANGLEY, JOSEPH D., US
[71] DOREL JUVENILE GROUP, INC., US
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[54] **SYSTEME DE RETENUE D'OUTIL**
[72] CAMPOMANES, PATRICK S., US
[71] CATERPILLAR INC., US
[85] 2016-07-07
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[54] **DETECTION DE MASSE/DENSITE DE TISSU DUR ET MOU**
[72] RADMAND, REZA, US
[72] MOGHADAM, ALI, US
[71] ACHAEMENID, LLC, US
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT OF INTRAOCULAR NEOVASCULARIZATION AND/OR LEAKAGE**
[54] **COMPOSITIONS ET METHODES POUR LE TRAITEMENT D'UNE NEOVASCULARISATION ET/OU D'UNE FUITE INTRAOCULAIRE**
[72] HORN, GERALD, US
[71] ONTOGENESIS, LLC, US
[85] 2016-07-07
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[25] EN
[54] **FOAM INJECTION SYSTEM WITH VARIABLE PORT INSERTS FOR SLURRY MIXING AND DISPENSING APPARATUS**
[54] **SYSTEME A INJECTION DE MOUSSE AVEC GARNITURES D'ORIFICE VARIABLES POUR APPAREIL DE MELANGE ET DE DISTRIBUTION DE BOUE**
[72] WITTBOLD, JAMES, US
[72] CARRAZCO, LUIS, US
[71] UNITED STATES GYPSUM COMPANY, US
[85] 2016-07-07
[86] 2015-01-13 (PCT/US2015/011154)
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[25] EN
[54] **AZEPANE DERIVATIVES AND METHODS OF TREATING HEPATITIS B INFECTIONS**
[54] **DERIVES D'AZEPANE ET METHODES DE TRAITEMENT DES INFECTIONS PROVOQUEES PAR LE VIRUS DE L'HEPATITE B**
[72] HARTMAN, GEORGE D., US
[72] KUDUK, SCOTT, US
[71] NOVIRA THERAPEUTICS, INC., US
[85] 2016-07-07
[86] 2015-01-15 (PCT/US2015/011663)
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[30] US (61/928,130) 2014-01-16
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[54] **SYSTEMES ET PROCEDES DE GESTION DE DONNEES DE SYNCHROPHASEUR**
[72] HAMOUR, IHAB, CA
[72] KANABAR, MITALKUMAR G., CA
[72] MUTNURI, SRIDEVI, CA
[72] VOLOH, ILLA, CA
[71] GENERAL ELECTRIC COMPANY, US
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[54] **COMPOSITIONS AND METHODS FOR MODULATING AND REDIRECTING IMMUNE RESPONSES**
[54] **COMPOSITIONS ET PROCEDES POUR MODULER ET REORIENTER DES REPONSES IMMUNITAIRES**
[72] HAMMOND, SCOTT A., US
[72] MORSE, MICHAEL A., US
[72] OSADA, TAKUYA, US
[72] LYERLY, HERBERT KIM, US
[71] MEDIMMUNE, LLC, US
[71] DUKE UNIVERSITY, US
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[54] **PYRIDINONES N-ARYLE SUBSTITUES**
[72] SHAH, PRATIK, US
[72] SAKS, SAMUEL, US
[71] AUSPEX PHARMACEUTICALS, INC., US
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[25] EN
[54] **DEVICES AND METHODS FOR TRANSDERMAL DRUG DELIVERY**
[54] **DISPOSITIFS CONCUS POUR EFFECTUER UN TRAITEMENT AU NIVEAU D'UN TUNNEL DE TEMPERATURE CEREBRALE D'ABREU**
[72] ABREU, MARCIO MARC, US
[71] ABREU, MARCIO MARC, US
[85] 2016-07-07
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[30] US (61/930,262) 2014-01-22
[30] US (14/594,122) 2015-01-10

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[51] **Int.Cl. H04W 56/00 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR TIME ADJUSTMENT IN A TIME SYNCHRONIZED CHANNEL HOPPING NETWORK**
[54] **SYSTEME ET PROCEDE POUR REGLER L'HEURE DANS UN RESEAU DE SAUT DE CANAL SYNCHRONISE DANS LE TEMPS**
[72] SHUDARK, JEFF, US
[72] HARTMAN, JAMES, US
[71] LANDIS+GYR INNOVATIONS, INC., US
[85] 2016-07-07
[86] 2015-01-28 (PCT/US2015/013173)
[87] (WO2015/126579)
[30] US (61/943,193) 2014-02-21

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[51] **Int.Cl. C12N 1/15 (2006.01) C12N 1/21 (2006.01) C12N 7/01 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCING A RECOMBINANT MICROORGANISM**
[54] **PROCEDE DE PRODUCTION D'UN MICRO-ORGANISME RECOMBINANT**
[72] WALKER, DAVID JEFFREY FRASER, US
[72] KOEPKE, MICHAEL, US
[71] LANZATECH NEW ZEALAND LIMITED, NZ
[85] 2016-07-07
[86] 2015-01-28 (PCT/US2015/013373)
[87] (WO2015/116734)
[30] US (61/932,737) 2014-01-28

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[51] **Int.Cl. C12N 1/21 (2006.01) C12N 9/02 (2006.01)**
[25] EN
[54] **RECOMBINANT MICROORGANISMS AND METHODS OF USE THEREOF**
[54] **MICRO-ORGANISMES RECOMBINES ET LEURS PROCEDES D'UTILISATION**
[72] NAGARAJU, SHILPA, US
[72] AL-SINAWI, BAKIR, US
[72] DE TISSERA, SASHINI, US
[72] KOEPKE, MICHAEL, US
[71] LANZATECH NEW ZEALAND LIMITED, NZ
[85] 2016-07-07
[86] 2015-01-29 (PCT/US2015/013625)
[87] (WO2015/116874)
[30] US (61/933,815) 2014-01-30
[30] US (61/944,541) 2014-02-25

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[51] **Int.Cl. A61K 31/506 (2006.01) A61P 35/04 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **TREATMENT OF TUMORS EXPRESSING MUTANT P53**
[54] **TRAITEMENT DE TUMEURS EXPRIMANT LA P53 MUTANTE**
[72] MANCHADO, EUSEBIO, US
[72] WEISSMUELLER, SUSANN, US
[72] LOWE, SCOTT W., US
[72] SABOROWSKI, MICHAEL, US
[71] SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH, US
[85] 2016-07-07
[86] 2015-01-08 (PCT/US2015/010653)
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[30] US (61/925,278) 2014-01-09

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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/5513 (2006.01) A61K 45/06 (2006.01) C07D 409/04 (2006.01) C07D 471/14 (2006.01) C07D 487/04 (2006.01) C07D 495/14 (2006.01)**
[25] EN
[54] **DIAZEPANE DERIVATIVES AND USES THEREOF**
[54] **DERIVES DE DIAZEPANE ET LEURS UTILISATIONS**
[72] BRADNER, JAMES E., US
[72] GRAY, NATHANAEL, US
[72] QI, JUN, US
[72] MCKEOWN, MICHAEL R., US
[72] BUCKLEY, DENNIS, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2016-07-07
[86] 2015-02-02 (PCT/US2015/014109)
[87] (WO2015/117083)
[30] US (61/934,668) 2014-01-31

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[13] A1
[51] **Int.Cl. F16K 7/02 (2006.01) F16K 7/04 (2006.01)**
[25] EN
[54] **WEARABLE RUBBER PARTS FOR FLUID HANDLING SERVICES INCLUDING A POLYURETHANE INNER LAYER**
[54] **PIECES EN CAOUTCHOUC POUVANT S'USER POUR SERVICE DE TRAITEMENT DE FLUIDE COMPRENANT UNE COUCHE INTERNE EN POLYURETHANE**
[72] MATTINA, LOUIS J., US
[72] CRAMB, STEPHEN JOSEPH, US
[72] PHILLIPS, BRANDON T., US
[72] WHIPPLE, BENJAMIN JAMES, US
[72] DAMDAR, SHERWIN A., US
[71] GARLOCK SEALING TECHNOLOGIES, LLC, US
[85] 2016-07-07
[86] 2015-01-08 (PCT/US2015/010659)
[87] (WO2015/106000)
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[51] **Int.Cl. C07K 16/18 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **NOVEL ASSAY TO DETECT HUMAN PERIOSTIN**
[54] **NOUVELLE ANALYSE PERMETTANT DE DETECTER LA PERIOSTINE HUMAINE**
[72] CHOWDHURY, PARTHA, US
[72] VARKEY, REENA, US
[72] LIANG, MEINA, US
[72] LEE, YEN-WAH, US
[72] STREICHER, KATIE, US
[72] RANADE, KOUSTUBH, US
[72] GRANT, ETHAN, US
[72] GREENLEES, LYDIA, US
[72] YAO, YIHONG, US
[72] PARKER, MELISSA, US
[71] MEDIMMUNE, LLC, US
[85] 2016-07-07
[86] 2015-02-05 (PCT/US2015/014652)
[87] (WO2015/120171)
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[51] **Int.Cl. A61K 39/35 (2006.01) A61P 35/00 (2006.01) A61P 37/02 (2006.01)**
[25] EN
[54] **EPICUTANEOUS IMMUNOREBALANCING**
[54] **REEQUILIBRAGE IMMUNOLOGIQUE EPICUTANE**
[72] MONDOULET, LUCIE, FR
[72] DIOSZEGHY, VINCENT, FR
[72] BENHAMOU, PIERRE HENRI, FR
[72] DUPONT, CHRISTOPHE, FR
[71] DBV TECHNOLOGIES, FR
[85] 2016-07-08
[86] 2015-01-14 (PCT/EP2015/050594)
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[51] **Int.Cl. A61G 5/00 (2006.01) A61G 5/12 (2006.01)**
[25] EN
[54] **WHEELCHAIR**
[54] **FAUTEUIL ROULANT**
[72] ROBINS, DOUGLAS G., US
[71] ROBINS, DOUGLAS G., US
[85] 2016-07-07
[86] 2015-01-08 (PCT/US2015/010660)
[87] (WO2015/106001)
[30] US (61/925,185) 2014-01-08

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[51] **Int.Cl. H02K 1/16 (2006.01) H02K 7/18 (2006.01) H02K 29/03 (2006.01)**
[25] EN
[54] **SYNCHRONOUS GENERATOR IN A GEARLESS WIND TURBINE**
[54] **GENERATEUR SYNCHRONE D'UNE EOLIENNE A ENTRAINEMENT DIRECT**
[72] DIEDRICHS, VOLKER, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2016-07-08
[86] 2014-12-11 (PCT/EP2014/077392)
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[30] DE (10 2014 200 947.2) 2014-01-20

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[51] **Int.Cl. E21B 17/20 (2006.01) E21B 19/22 (2006.01)**
[25] EN
[54] **GUIDING TUBE FOR BENDABLE DRILL ROD**
[54] **TUBE DE GUIDAGE POUR TIGE DE FORAGE PLIABLE**
[72] QUENTIN, VERNUS, FR
[72] RIPPE, OLIVIER, FR
[72] POURCENOUX, JEROME, FR
[71] SANDVIK MINING AND CONSTRUCTION LYON SAS, FR
[85] 2016-07-08
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[51] **Int.Cl. A61K 35/12 (2015.01) A61F 9/00 (2006.01) A61K 41/00 (2006.01) A61N 5/06 (2006.01) A61P 9/12 (2006.01)**
[25] EN
[54] **METHOD FOR THERAPEUTIC MANAGEMENT OF OCULAR HYPERTENSION**
[54] **METHODE DE GESTION THERAPEUTIQUE DE L'HYPERTENSION OCULAIRE**
[72] ANGELEY, DAVID, US
[72] HUANG, JOYCE, US
[72] ANDERSEN, DAN, US
[72] FRAZIER, SHAWNALEA, US
[72] THOMAS, GRIFFITH ROGER, US
[71] CIRCUIT THERAPEUTICS, INC., US
[85] 2016-07-07
[86] 2015-01-08 (PCT/US2015/010666)
[87] (WO2015/106005)
[30] US (61/925,104) 2014-01-08

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[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01) A61M 15/06 (2006.01) H05B 3/34 (2006.01)**
[25] EN
[54] **CARTRIDGE WITH A HEATER ASSEMBLY FOR AN AEROSOL-GENERATING SYSTEM**
[54] **CARTOUCHE AVEC UN ENSEMBLE DE CHAUFFAGE POUR UN SYSTEME GENERATEUR D'AEROSOL**
[72] ZINOVIK, IHAR, CH
[72] MIRONOV, OLEG, CH
[72] FERNANDO, KEETHAN DASNAVIS, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2016-07-08
[86] 2014-12-15 (PCT/EP2014/077840)
[87] (WO2015/117703)
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[30] EP (14154554.1) 2014-02-10

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[13] A1
[51] **Int.Cl. G06Q 50/06 (2012.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING DYNAMIC UTILITY CONSUMPTION RATINGS**
[54] **SYSTEMES ET PROCEDES DE COMMUNICATION DE VALEURS DYNAMIQUES DE CONSOMMATION D'ENERGIE PUBLIQUE**
[72] FAN, JIYUAN, US
[72] CHEN, JING, US
[72] FAN, HUA, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2016-07-07
[86] 2015-01-09 (PCT/US2015/010762)
[87] (WO2015/112347)
[30] US (14/161,385) 2014-01-22

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[51] **Int.Cl. F26B 3/08 (2006.01) F23G 5/04 (2006.01) F26B 17/10 (2006.01) F26B 23/10 (2006.01) F23G 5/30 (2006.01)**
[25] EN
[54] **CIRCULATING MASS DRYER AND METHOD FOR DRYING WET SLUDGE**
[54] **SECHOIR A MASSE CIRCULANTE ET PROCEDE DE SECHAGE DE BOUES HUMIDES**
[72] RUOTTU, SEPPO, FI
[71] ENDEV OY, FI
[85] 2016-07-08
[86] 2014-02-21 (PCT/FI2014/050133)
[87] (WO2014/128356)
[30] FI (20135160) 2013-02-22

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[13] A1
[51] **Int.Cl. B08B 9/032 (2006.01) B08B 17/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR RECOVERING ANTIFREEZE FROM A DUST PREVENTION SYSTEM OF A MINERAL MATERIAL PROCESSING PLANT**
[54] **PROCEDES ET SYSTEMES POUR RECUPERER DE L'ANTIGEL D'UN SYSTEME DE PREVENTION DE POUSSIERE D'UNE INSTALLATION DE TRAITEMENT DE MATERIAU MINERAL**
[72] YLA-OUTINEN, KAI, FI
[72] NIEMI, HARRI, FI
[72] MUSTONEN, TIMO, FI
[72] RANTA, NIKO, FI
[72] HEIKKILA, JUHAMATTI, FI
[71] METSO MINERALS, INC., FI
[85] 2016-07-08
[86] 2015-01-21 (PCT/FI2015/050033)
[87] (WO2015/114206)
[30] FI (20145096) 2014-01-29

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[51] **Int.Cl. B60R 5/04 (2006.01) B60R 9/06 (2006.01)**
[25] EN
[54] **LIFTGATE CARGO MODULE**
[54] **MODULE DE CARGAISON A HAYON**
[72] KOWALSKI, STEVEN M., US
[71] MAGNA INTERNATIONAL INC., CA
[85] 2016-07-07
[86] 2015-01-09 (PCT/US2015/010791)
[87] (WO2015/106082)
[30] US (61/925,424) 2014-01-09

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[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01) A61M 15/06 (2006.01) H05B 3/34 (2006.01)**
[25] EN
[54] **CARTRIDGE FOR AN AEROSOL-GENERATING SYSTEM**
[54] **CARTOUCHE POUR UN SYSTEME DE GENERATION D'AEROSOL**
[72] MALGAT, ALEXANDRE, CH
[72] BRIFCANI, NOORI MOYAD, CH
[72] BATISTA, RUI, CH
[72] MIRONOV, OLEG, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2016-07-08
[86] 2014-12-15 (PCT/EP2014/077852)
[87] (WO2015/117705)
[30] EP (14154552.5) 2014-02-10
[30] EP (14154553.3) 2014-02-10
[30] EP (14154554.1) 2014-02-10

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[13] A1
[51] **Int.Cl. B60T 15/52 (2006.01)**
[25] EN
[54] **QUICK-ACTION BLEEDER VALVE DEVICE FOR PNEUMATIC ACTUATORS OF PNEUMATIC SYSTEMS, AND PNEUMATIC SYSTEM HAVING A QUICK-ACTION BLEEDER VALVE DEVICE OF THIS TYPE**
[54] **DISPOSITIF FAISANT OFFICE DE CLAPET DE PURGE D'AIR RAPIDE POUR ACTIONNEURS PNEUMATIQUES DE SYSTEMES PNEUMATIQUES ET SYSTEME PNEUMATIQUE EQUIPE D'UN TEL DISPOSITIF**
[72] GREBE, JAN, DE
[72] BEMETZ, THOMAS, DE
[72] WERNER, KAI, DE
[72] BRENNER, DIRK, DE
[72] CSOMA, ZSIGMOND, HU
[71] KNORR-BREMSE SYSTEME FUR NUTZFAHRZEUGE GMBH, DE
[85] 2016-07-08
[86] 2014-12-19 (PCT/EP2014/078684)
[87] (WO2015/104169)
[30] DE (10 2014 100 187.7) 2014-01-09

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[13] A1
[51] **Int.Cl. C10M 163/00 (2006.01)**
[25] EN
[54] **METHOD OF LUBRICATING AN INTERNAL COMBUSTION ENGINE**
[54] **PROCEDE DE LUBRIFICATION D'UN MOTEUR A COMBUSTION INTERNE**
[72] GALIC RAGUZ, MARY, US
[72] LOOP, JOHN G., US
[71] THE LUBRIZOL CORPORATION, US
[85] 2016-07-07
[86] 2015-01-09 (PCT/US2015/010793)
[87] (WO2015/106083)
[30] US (61/925,678) 2014-01-10

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[13] A1
[51] **Int.Cl. A01G 7/06 (2006.01)**
[25] EN
[54] **TREE INJECTION SYSTEM AND METHODS**
[54] **SYSTEME ET PROCEDES POUR UNE INJECTION DANS UN ARBRE**
[72] OBRIST, GERHARD, CH
[72] WYSS, PETER, CH
[72] WIDMER, URS, CH
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2016-07-08
[86] 2015-01-22 (PCT/EP2015/051264)
[87] (WO2015/110535)
[30] US (61/930,470) 2014-01-22

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[13] A1
[51] **Int.Cl. C07C 41/01 (2006.01) B01J 3/00 (2006.01) C07C 43/04 (2006.01)**
[25] EN
[54] **PROCESS AND SYSTEM FOR PRODUCTION OF DIMETHYL ETHER FROM SYNTHESIS GAS**
[54] **PROCEDE ET INSTALLATION DE PRODUCTION D'ETHER DIMETHYLIQUE A PARTIR DE GAZ DE SYNTHESE**
[72] FRITZ, HELMUT, DE
[72] BARTESCH, THOMAS, DE
[72] DELHOMME, CLARA, DE
[72] PESCHEL, ANDREAS, DE
[72] FENDT, JOHANNES, DE
[72] KLEIN, HARALD, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
[85] 2016-07-08
[86] 2015-01-05 (PCT/EP2015/000007)
[87] (WO2015/113727)
[30] EP (14000295.7) 2014-01-28

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[13] A1
[51] **Int.Cl. G01S 17/08 (2006.01) G01S 7/481 (2006.01) G01S 17/89 (2006.01)**
[25] EN
[54] **DEVICE FOR CAPTURING SUPERIMPOSED DISTANCE AND INTENSITY IMAGES**
[54] **DISPOSITIF DE PRISE D'IMAGES DE DISTANCE ET D'INTENSITE SUPERPOSEES**
[72] REITERER, ALEXANDER, DE
[72] WOLFELSCHNEIDER, HARALD, DE
[72] DIMOPOULOS, NIKOLAOS, DE
[72] HOFLER, HEINRICH, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2016-07-08
[86] 2015-01-22 (PCT/EP2015/051261)
[87] (WO2015/113892)
[30] DE (10 2014 201 800.5) 2014-01-31

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[51] **Int.Cl. C10M 163/00 (2006.01) C10M 167/00 (2006.01)**
[25] EN
[54] **METHOD OF LUBRICATING AN INTERNAL COMBUSTION ENGINE**
[54] **PROCEDE DE LUBRIFICATION D'UN MOTEUR A COMBUSTION INTERNE**
[72] GALIC RAGUZ, MARY, US
[72] LOOP, JOHN G., US
[71] THE LUBRIZOL CORPORATION, US
[85] 2016-07-07
[86] 2015-01-09 (PCT/US2015/010802)
[87] (WO2015/106090)
[30] US (61/925,684) 2014-01-10

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[13] A1
[51] **Int.Cl. A61K 31/506 (2006.01) A61K 9/20 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATMENT OF ABNORMAL CELL GROWTH**
[54] **COMPOSITIONS ET METHODES POUR LE TRAITEMENT D'UNE CROISSANCE CELLULAIRE ANORMALE**
[72] PADVAL, MAHESH, US
[72] NKANSAH, PAUL OKWABI, US
[71] VERASTEM, INC., US
[71] PFIZER INC., US
[85] 2016-07-07
[86] 2015-01-09 (PCT/US2015/010810)
[87] (WO2015/106096)
[30] US (61/925,467) 2014-01-09

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[13] A1
[51] **Int.Cl. G01N 33/68 (2006.01) C07K 16/18 (2006.01)**
[25] EN
[54] **NOVEL ASSAY TO DETECT HUMAN PERIOSTIN**
[54] **NOUVEL ESSAI BIOLOGIQUE POUR LA DETECTION DE LA PERIOSTINE HUMAINE**
[72] CHOWDHURY, PARTHA, US
[72] VARKEY, REENA, US
[72] LIANG, MEINA, US
[72] LEE, YEN-WAH, US
[72] STREICHER, KATIE, US
[72] RANADE, KOUSTUBH, US
[72] GRANT, ETHAN, US
[72] GREENLEES, LYDIA, US
[72] YAO, YIHONG, US
[72] PARKER, MELISSA, US
[72] DAVIS, GERARD, US
[72] JEANBLANC, NICOLETTE, US
[72] BROPHY, SUSAN, US
[72] DILLE, BRUCE, US
[71] MEDIMMUNE, LLC, US
[71] ABBOTT LABORATORIES, US
[85] 2016-07-07
[86] 2015-02-05 (PCT/US2015/014671)
[87] (WO2015/120185)
[30] US (61/936,967) 2014-02-07

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[13] A1
[51] **Int.Cl. A61K 39/39 (2006.01) A61K 47/48 (2006.01)**
[25] EN
[54] **POLYMERIC CARRIER CARGO COMPLEX FOR USE AS AN IMMUNOSTIMULATING AGENT OR AS AN ADJUVANT**
[54] **COMPLEXE CARGO DE SUPPORT POLYMERE A UTILISER COMME AGENT IMMUNOSTIMULANT OU COMME ADJUVANT**
[72] FOTIN-MLECZEK, MARIOLA, DE
[72] HEIDENREICH, REGINA, DE
[71] CUREVAC AG, DE
[85] 2016-07-08
[86] 2015-04-01 (PCT/EP2015/000706)
[87] (WO2015/149944)
[30] EP (PCT/EP2014/000869) 2014-04-01

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[13] A1
[51] **Int.Cl. B65D 5/54 (2006.01)**
[25] EN
[54] **CONVERTIBLE CASE WITH DEPLOYABLE VENTILATION PANELS FOR SHIPPING AND DISPLAYING FOOD PRODUCTS**
[54] **CAISSE CONVERTIBLE AVEC PANNEAUX DE VENTILATION DEPLOYABLES POUR L'EXPEDITION ET LA PRESENTATION DE PRODUITS ALIMENTAIRES**
[72] HUMPHREY, LAURA G., US
[72] PRESHER, AMELIA S., US
[72] DUNKLE, CHRISTOPHER W., US
[72] KEEFE, WALTER D., JR., US
[72] STALLINGS, JOSEPH, US
[71] KRAFT FOODS GROUP BRANDS LLC, US
[85] 2016-07-07
[86] 2015-02-17 (PCT/US2015/016123)
[87] (WO2015/126813)
[30] US (61/943,067) 2014-02-21

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[13] A1
[51] **Int.Cl. C07C 41/09 (2006.01) B01D 3/16 (2006.01) C07C 43/04 (2006.01)**
[25] EN
[54] **PROCESS AND INSTALLATION FOR THE PRODUCTION OF DIALKYL ETHER**
[54] **PROCEDE ET INSTALLATION DE FABRICATION D'ETHER DE DIALKYLE**
[72] KISS, ANTON ALEXANDRU, NL
[72] BILDEA, COSTIN SORIN, RO
[72] PATRUT, CATALIN, RO
[71] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL
[85] 2016-07-08
[86] 2015-01-26 (PCT/EP2015/051425)
[87] (WO2015/113914)
[30] EP (14152850.5) 2014-01-28

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[13] A1
[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/443 (2006.01) A61P 25/02 (2006.01) A61P 25/16 (2006.01) A61P 25/28 (2006.01) C07D 403/04 (2006.01)**
[25] EN
[54] **SELECTIVE NR2B ANTAGONISTS**
[54] **ANTAGONISTES SELECTIFS DE NR2B**
[72] KING, DALTON, US
[72] THOMPSON, LORIN A., III, US
[72] SHI, JIANLIANG, US
[72] THANGATHIRUPATHY, SRINIVASAN, IN
[72] WARRIER, JAYAKUMAR SANKARA, IN
[72] ISLAM, IMADUL, US
[72] MACOR, JOHN E., US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2016-07-08
[86] 2015-01-06 (PCT/US2015/010262)
[87] (WO2015/105772)
[30] US (61/925,363) 2014-01-09

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[25] EN
[54] **PROCESS FOR REMOVING SULFUR COMPOUNDS FROM HYDROCARBONACEOUS STREAMS**
[54] **PROCEDE D'ELIMINATION DE COMPOSES SOUFRES DE FLUX D'HYDROCARBURES**
[72] WAGLOHNER, STEFFEN, DE
[72] BENDER, MICHAEL, DE
[72] KUSCHEL, ANDREAS, DE
[72] RUTTINGER, WOLFGANG, DE
[72] BRUGGEMANN, PHILIPP, DE
[71] BASF SE, DE
[85] 2016-07-08
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[30] EP (14150812.7) 2014-01-10

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[51] **Int.Cl. A61B 18/14 (2006.01) A61N 1/40 (2006.01)**
[25] EN
[54] **SHAPE-ADAPTING ELECTRODE FOR ELECTROMAGNETIC ENERGY TRANSFER**
[54] **ELECTRODE S'ADAPTANT A LA FORME POUR UN TRANSFERT D'ENERGIE ELECTROMAGNETIQUE**
[72] ANDOCS, GABOR, HU
[72] SZASZ, ANDRAS, HU
[72] SZASZ, OLIVER, HU
[71] ONCOTHERM KFT., HU
[85] 2016-07-08
[86] 2015-01-29 (PCT/EP2015/051778)
[87] (WO2015/114038)
[30] EP (14153349.7) 2014-01-30

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[13] A1
[51] **Int.Cl. C08J 3/18 (2006.01) C08K 5/00 (2006.01)**
[25] EN
[54] **PLASTICIZER COMPOSITION CONTAINING FURAN DERIVATIVES AND 1,2-CYCLOHEXANEDICARBOXYLIC ESTER**
[54] **COMPOSITION PLASTIFIANTE CONTENANT DES DERIVES DE FURANNE ET DES ESTERS DE L'ACIDE 1,2-CYCLOHEXANEDICARBOXYLIQUE**
[72] WAGNER, JOCHEN, DE
[72] BREITSCHEIDEL, BORIS, DE
[72] BOHN, MARTIN ALEXANDER, DE
[72] BLANK, BENOIT, DE
[72] KINDLER, ALOIS, DE
[71] BASF SE, DE
[85] 2016-07-08
[86] 2015-01-08 (PCT/EP2015/050207)
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[51] **Int.Cl. A61B 17/15 (2006.01) A61B 17/17 (2006.01)**
[25] EN
[54] **REVISION JOINT REPLACEMENT DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE REMPLACEMENT D'ARTICULATION DE REVISION**
[72] TARABICHI, SAMIH, AE
[72] ELFEKKY, MOHAMED M., AE
[71] TARABICHI, SAMIH, AE
[71] ELFEKKY, MOHAMED M., AE
[85] 2016-07-08
[86] 2015-01-07 (PCT/US2015/010452)
[87] (WO2015/105855)
[30] US (61/925,305) 2014-01-09

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[13] A1
[51] **Int.Cl. A61M 5/00 (2006.01)**
[25] EN
[54] **CONTROLLABLE RATE TURBULATING NOZZLE**
[54] **BUSE A TURBULENCES A DEBIT CONTROLABLE**
[72] HANCOCK, JESSE RYAN, US
[72] SHAW, MICHAEL, US
[71] MYSTIC PHARMACEUTICALS, INC., US
[85] 2016-04-14
[86] 2014-10-15 (PCT/US2014/060781)
[87] (WO2015/057899)
[30] US (61/891,300) 2013-10-15

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[13] A1
[51] **Int.Cl. A01N 45/00 (2006.01) A01P 21/00 (2006.01)**
[25] EN
[54] **USE OF A CHEMICAL AGENT FOR THINNING OF STONE FRUIT**
[54] **UTILISATION D'UN AGENT CHIMIQUE POUR ECLAIRCISSEMENT DE FRUITS A NOYAU**
[72] WIKELEY, PHILIP SIMON, GB
[72] REIGNARD, JOELLE, FR
[72] FORNEY, KEVIN, US
[71] FINE AGROCHEMICALS LIMITED, GB
[85] 2016-07-08
[86] 2015-01-08 (PCT/EP2015/050272)
[87] (WO2015/104344)
[30] EP (14150671.7) 2014-01-09

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[51] **Int.Cl. F16D 3/78 (2006.01)**
[25] EN
[54] **FLEXIBLE COUPLING**
[54] **ORGANE D'ACCOUPLEMENT SOUPLE**
[72] CHASE, IAN, GB
[72] HADLEY, KEVIN, GB
[72] CATON, MATTHEW, GB
[71] CROMPTON TECHNOLOGY GROUP LIMITED, GB
[85] 2016-07-08
[86] 2014-01-14 (PCT/GB2014/050098)
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[51] **Int.Cl. C09K 8/68 (2006.01)**
[25] EN
[54] **USE OF A BORON CROSS LINKER IN AN EMULSION SYSTEM**
[54] **UTILISATION D'UN AGENT DE RETICULATION AU BORE DANS UN SYSTEME D'EMULSION**
[72] RAHY, ABDELAZIZ, US
[72] VELDMAN, RAYNARD RENE, US
[71] MAGNABLEND INC., US
[85] 2016-07-08
[86] 2015-01-07 (PCT/US2015/010462)
[87] (WO2015/105862)
[30] US (61/925,912) 2014-01-10

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[51] **Int.Cl. B01D 19/02 (2006.01)**
[25] EN
[54] **A DEGASSING DEVICE FOR HIGH-VISCOSITY PURE-CHITOSAN SPINNING SOLUTIONS**
[54] **APPAREIL ANTI-MOUSSE POUR SOLUTION DE FILAGE DE CHITOSAN PUR A HAUTE VISCOSITE**
[72] ZHOU, JIACUN, CN
[72] HU, GUANGMIN, CN
[71] HISMER BIO-TECHNOLOGY CO., LTD., CN
[85] 2016-03-29
[86] 2014-09-01 (PCT/CN2014/085697)
[87] (WO2015/027958)
[30] CN (201310391878.8) 2013-09-02

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[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/704 (2006.01) A61P 35/00 (2006.01) C07K 16/22 (2006.01)**
[25] EN
[54] **NOVEL ANTI-NETRIN-1 ANTIBODY**
[54] **ANTICORPS ANTI-NETRINE-1 NOVATEUR**
[72] DELCROS, JEAN-GUY, FR
[72] DEAN, YANN, FR
[71] NETRIS PHARMA, FR
[85] 2016-07-08
[86] 2015-01-09 (PCT/EP2015/050306)
[87] (WO2015/104360)
[30] EP (14305034.2) 2014-01-10

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[13] A1
[51] **Int.Cl. H04B 7/26 (2006.01) H04W 88/02 (2009.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DIRECT COMMUNICATION BETWEEN MOBILE TERMINALS**
[54] **PROCEDE ET SYSTEME DE COMMUNICATION DIRECTE D'APPAREILS TERMINAUX MOBILES**
[72] ARMONI, HANAN, IL
[72] SHLAPOBERSKY, SAAR, IL
[71] ARMONI, HANAN, IL
[71] SHLAPOBERSKY, SAAR, IL
[85] 2016-07-08
[86] 2014-05-13 (PCT/IB2014/061399)
[87] (WO2015/104592)
[30] AT (A12/2014) 2014-01-09

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[13] A1
[51] **Int.Cl. B01D 53/00 (2006.01) B01D 53/34 (2006.01) B01D 53/50 (2006.01) B01D 53/60 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR EXTRACTING A CHEMICAL COMPOUND IN ACID GASES**
[54] **DISPOSITIF ET PROCEDE D'EXTRACTION D'UN COMPOSE CHIMIQUE DANS DES GAZ ACIDES**
[72] CLODIC, DENIS, FR
[72] MAARAOUI, SAMER, FR
[71] EREIE - ENERGY RESEARCH INNOVATION ENGINEERING, FR
[85] 2016-07-07
[86] 2015-01-12 (PCT/FR2015/050054)
[87] (WO2015/118238)
[30] FR (14 50893) 2014-02-05

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[13] A1
[51] **Int.Cl. C12N 15/63 (2006.01)**
[25] EN
[54] **RNA-GUIDED GENE DRIVES**
[54] **ACTIVATEURS DE GENES GUIDES PAR L'ARN**
[72] ESVELT, KEVIN M., US
[72] SMIDLER, ANDREA L., US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2016-07-08
[86] 2015-01-08 (PCT/US2015/010550)
[87] (WO2015/105928)
[30] US (61/924,735) 2014-01-08
[30] US (62/024,642) 2014-07-15

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[51] **Int.Cl. H04N 7/01 (2006.01) H04N 21/2343 (2011.01) H04N 21/4402 (2011.01) H04N 19/70 (2014.01) H04N 5/225 (2006.01)**
[25] EN
[54] **TRANSMISSION DEVICE, TRANSMISSION METHOD, RECEPTION DEVICE, AND RECEPTION METHOD**
[54] **DISPOSITIF DE TRANSMISSION, PROCEDE DE TRANSMISSION, DISPOSITIF DE RECEPTION ET PROCEDE DE RECEPTION**
[72] TSUKAGOSHI, IKUO, JP
[71] SONY CORPORATION, JP
[85] 2016-07-08
[86] 2015-01-13 (PCT/JP2015/050686)
[87] (WO2015/111467)
[30] JP (2014-011890) 2014-01-24

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[13] A1
[51] **Int.Cl. B05B 12/00 (2006.01) B05B 12/08 (2006.01)**
[25] EN
[54] **DISPENSER FUNCTIONALITY EVALUATION**
[54] **EVALUATION DE FONCTIONNALITE D'UN DISTRIBUTEUR**
[72] WEGELIN, JACKSON WILLIAM, US
[72] BROWN, PAUL JASON, US
[72] CURTIS, CHIP, US
[71] GOJO INDUSTRIES, INC., US
[85] 2016-07-14
[86] 2015-01-15 (PCT/US2015/011566)
[87] (WO2015/109073)
[30] US (61/927,609) 2014-01-15

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[13] A1
[51] **Int.Cl. A61M 25/00 (2006.01) B65D 75/58 (2006.01)**
[25] EN
[54] **PACKAGE HAVING INTEGRAL TAB WITH FINGER HOLE OPENING FEATURE**
[54] **EMBALLAGE A LANGUETTE INTEGREE A ELEMENT D'OUVERTURE A TROU DE DOIGT**
[72] DOERSCHNER, DAVID L., US
[72] HENRY, JEROME A., IE
[72] HANNON, DAVID, IE
[71] HOLLISTER INCORPORATED, US
[85] 2016-07-08
[86] 2015-01-08 (PCT/US2015/010645)
[87] (WO2015/105990)
[30] US (61/925,463) 2014-01-09

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[13] A1
[51] **Int.Cl. H04N 21/234 (2011.01) H04N 21/2343 (2011.01) H04N 21/235 (2011.01) H04N 21/431 (2011.01)**
[25] EN
[54] **TRANSMISSION DEVICE, TRANSMISSION METHOD, RECEPTION DEVICE, RECEPTION METHOD, DISPLAY DEVICE, AND DISPLAY METHOD**
[54] **DISPOSITIF D'EMISSION, PROCEDE D'EMISSION, DISPOSITIF DE RECEPTION, PROCEDE DE RECEPTION, DISPOSITIF D'AFFICHAGE ET PROCEDE D'AFFICHAGE**
[72] TSUKAGOSHI, IKUO, JP
[71] SONY CORPORATION, JP
[85] 2016-07-08
[86] 2015-01-13 (PCT/JP2015/050703)
[87] (WO2015/118909)
[30] JP (2014-022892) 2014-02-07

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[13] A1
[51] **Int.Cl. G02B 6/44 (2006.01) H01B 9/00 (2006.01)**
[25] EN
[54] **POWER CABLE FILLER DEVICE AND POWER CABLE COMPRISING THE SAME**
[54] **DISPOSITIF DE BOURRAGE DE CABLE D'ALIMENTATION ET CABLE D'ALIMENTATION LE COMPRENANT**
[72] LEON-GUARENA, ARMANDO, SE
[72] TYRBERG, ANDREAS, SE
[72] JOHANSSON, LISA, SE
[71] ABB TECHNOLOGY LTD, CH
[85] 2016-07-14
[86] 2014-04-09 (PCT/EP2014/057109)
[87] (WO2015/110182)
[30] EP (PCT/EP2014/051145) 2014-01-21

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[13] A1
[51] **Int.Cl. H01M 8/10 (2016.01) H01M 8/02 (2016.01) H01M 8/04 (2016.01) H01M 8/24 (2016.01)**
[25] EN
[54] **FUEL CELL**
[54] **PILE A COMBUSTIBLE**
[72] KUBO, HIDEKI, JP
[72] OKABE, HIROKI, JP
[72] KONDO, TAKASHI, JP
[72] IDA, ATSUSHI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[85] 2016-07-08
[86] 2015-01-06 (PCT/IB2015/000060)
[87] (WO2015/107418)
[30] JP (2014-004942) 2014-01-15

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[13] A1
[51] **Int.Cl. E01C 11/18 (2006.01)**
[25] EN
[54] **THREE-DIMENSIONAL AGGREGATE REINFORCEMENT SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES D'ARMATURE TRIDIMENSIONNELLE D'AGREGATS**
[72] WHITE, DAVID J., US
[71] INGIOS GEOTECHNICS, INC., US
[85] 2016-07-08
[86] 2015-01-08 (PCT/US2015/010706)
[87] (WO2015/106041)
[30] US (61/925,298) 2014-01-09

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[13] A1
[51] **Int.Cl. B64C 11/18 (2006.01) F01D 5/14 (2006.01)**
[25] FR
[54] **BLADE FOR A TURBINE ENGINE PROPELLER, IN PARTICULAR A PROPFAN ENGINE, PROPELLER, AND TURBINE ENGINE COMPRISING SUCH A BLADE**
[54] **PALE POUR UNE HELICE DE TURBOMACHINE, NOTAMMENT A SOUFFLANTE NON CARENEE, HELICE ET TURBOMACHINE CORRESPONDANTES**
[72] VION, LAURENCE FRANCINE, FR
[72] FERNANDO, RASIKA, FR
[72] JODET, NORMAN BRUNO ANDRE, FR
[71] SNECMA, FR
[85] 2016-07-07
[86] 2015-01-22 (PCT/FR2015/050158)
[87] (WO2015/118243)
[30] FR (1450874) 2014-02-05

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[13] A1
[51] **Int.Cl. G01V 99/00 (2009.01)**
[25] EN
[54] **DETERMINING A COMPONENT OF A WAVE FIELD**
[54] **DETERMINATION D'UNE COMPOSANTE D'UN CHAMP D'ONDE**
[72] XU, SHENG, US
[72] ZHOU, HONGBO, US
[71] STATOIL PETROLEUM AS, NO
[85] 2016-07-08
[86] 2015-01-09 (PCT/EP2015/050352)
[87] (WO2015/104386)
[30] EP (PCT/EP2014/050423) 2014-01-10

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[13] A1
[51] **Int.Cl. A61K 35/612 (2015.01) A61K 31/683 (2006.01) A61K 31/685 (2006.01)**
[25] EN
[54] **PHOSPHOLIPID COMPOSITIONS AND THEIR PREPARATION**
[54] **COMPOSITIONS DE PHOSPHOLIPIDES ET LEUR PREPARATION**
[72] MYHREN, FINN, NO
[72] HOEM, NILS, NO
[72] THOGERSEN, HAVARD, NO
[71] AKER BIOMARINE ANTARCTIC AS, NO
[85] 2016-07-08
[86] 2015-01-09 (PCT/EP2015/050370)
[87] (WO2015/104401)
[30] GB (1400431.1) 2014-01-10

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[13] A1
[51] **Int.Cl. H04N 21/435 (2011.01) H04N 21/235 (2011.01) H04N 21/2381 (2011.01) H04N 21/438 (2011.01)**
[25] EN
[54] **RECEPTION APPARATUS, RECEPTION METHOD, TRANSMISSION APPARATUS, AND TRANSMISSION METHOD**
[54] **DISPOSITIF DE RECEPTION, PROCEDE DE RECEPTION, DISPOSITIF DE TRANSMISSION ET PROCEDE DE TRANSMISSION**
[72] KITAHARA, JUN, JP
[72] KITAZATO, NAOHISA, JP
[72] YAMAGISHI, YASUAKI, JP
[71] SONY CORPORATION, JP
[85] 2016-07-08
[86] 2015-10-30 (PCT/JP2015/080663)
[87] (WO2016/076137)
[30] JP (2014-231107) 2014-11-13

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[13] A1
[51] **Int.Cl. B64C 27/20 (2006.01) B64C 13/02 (2006.01) B64C 17/02 (2006.01) B64C 39/00 (2006.01)**
[25] EN
[54] **PERSONAL FLIGHT VEHICLE**
[54] **VEHICULE VOLANT PERSONNEL**
[72] DURU, CATALIN ALEXANDRU, CA
[71] 4525612 CANADA INC. DBA MAGINAIRE, CA
[85] 2016-07-07
[86] 2015-01-06 (PCT/CA2015/050005)
[87] (WO2015/103700)
[30] CA (2,838,535) 2014-01-07
[30] CA (2,844,721) 2014-03-05

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[13] A1
[51] **Int.Cl. A61K 31/4418 (2006.01)**
[25] EN
[54] **AEROSOL PIRFENIDONE AND PYRIDONE ANALOG COMPOUNDS AND USES THEREOF**
[54] **COMPOSES ANALOGUES DE PYRIDONE ET DE PIRFENIDONE EN AEROSOL, ET LEURS UTILISATIONS**
[72] SURBER, MARK WILLIAM, US
[71] GENOA PHARMACEUTICALS INC., US
[85] 2016-07-08
[86] 2015-01-09 (PCT/US2015/010890)
[87] (WO2015/106150)
[30] US (61/925,791) 2014-01-10
[30] US (61/951,686) 2014-03-12
[30] US (61/977,529) 2014-04-09
[30] US (62/000,473) 2014-05-19

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[13] A1
[51] **Int.Cl. G10L 21/00 (2013.01) G10L 21/06 (2013.01)**
[25] EN
[54] **SYSTEM FOR AUDIO ANALYSIS AND PERCEPTION ENHANCEMENT**
[54] **SYSTEME D'ANALYSE AUDIO ET D'AMELIORATION DE LA PERCEPTION**
[72] DERRICK, DONALD JAMES, NZ
[72] DE RYBEL, TOM GERARD, NZ
[71] DERRICK, DONALD JAMES, NZ
[71] DE RYBEL, TOM GERARD, NZ
[85] 2016-07-08
[86] 2015-02-13 (PCT/NZ2015/050014)
[87] (WO2015/122785)
[30] US (61/939,974) 2014-02-14

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[13] A1
[51] **Int.Cl. A61K 31/473 (2006.01) A61K 31/47 (2006.01) A61K 45/06 (2006.01) A61P 11/06 (2006.01)**
[25] EN
[54] **TREATMENT OF PARTLY CONTROLLED OR UNCONTROLLED SEVERE ASTHMA WITH A PDE4 INHIBITOR (AND IN COMBINATION WITH A LEUKOTRIENE MODIFIER)**
[54] **TRAITEMENT DE L'ASTHME GRAVE PARTIELLEMENT CONTROLE OU NON CONTROLE AVEC UN INHIBITEUR DE PDE4 (ET EN COMBINAISON AVEC UN MODIFICATEUR DES LEUCOTRIENES)**
[72] HANAUER, GUIDO, DE
[72] TENOR, HERMANN, DE
[71] TAKEDA GMBH, DE
[85] 2016-07-08
[86] 2015-01-20 (PCT/EP2015/050918)
[87] (WO2015/110394)
[30] US (61/930,111) 2014-01-22

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[13] A1
[51] **Int.Cl. A61F 2/16 (2006.01)**
[25] EN
[54] **ELECTRO-OPTICAL MONOFOCAL INTRAOCULAR LENS**
[54] **LENTILLE INTRAOCULAIRE MONOFOCALE ELECTRO-OPTIQUE**
[72] GUPTA, AMITAVA, US
[72] MAZZOCCHI, RUDY, US
[72] TRIP, ROEL, US
[72] SCHNELL, URBAN, US
[72] FEHR, JEAN-NOEL, US
[71] ELENZA, INC., US
[71] GUPTA, AMITAVA, US
[71] MAZZOCCHI, RUDY, US
[71] TRIP, ROEL, US
[71] SCHNELL, URBAN, US
[71] FEHR, JEAN-NOEL, US
[85] 2016-07-08
[86] 2015-01-07 (PCT/US2015/010489)
[87] (WO2015/105881)
[30] US (61/925,092) 2014-01-08

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[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) A61K 39/21 (2006.01)**
[25] EN
[54] **DOSAGE REGIMEN FOR HIV VACCINE**
[54] **SCHEMA POSOLOGIQUE D'UN VACCIN CONTRE LE VIH**
[72] LUNDEMOSE, ANKER, NO
[72] OKVIST, MATS, NO
[72] HOVDEN, ARNT OVE, NO
[72] GRONVOLD, MAJA SOMMERFELT, NO
[71] BIONOR IMMUNO AS, NO
[85] 2016-07-07
[86] 2015-01-27 (PCT/EP2015/051627)
[87] (WO2015/110665)
[30] EP (14152655.8) 2014-01-27

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[13] A1
[51] **Int.Cl. B67D 1/04 (2006.01) F16K 11/00 (2006.01)**
[25] EN
[54] **DEVICE FOR MANUALLY DISPENSING OF FOAMING AND CARBONATED BEVERAGES**
[54] **APPAREIL POUR VERSER MANUELLEMENT DES BOISSONS MOUSSANTES ET GAZEUSES**
[72] BUCHIK, SERGEI ALEKSANDROVICH, RU
[71] BUCHIK, SERGEI ALEKSANDROVICH, RU
[85] 2016-07-08
[86] 2014-04-10 (PCT/RU2014/000263)
[87] (WO2015/156697)

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[13] A1
[51] **Int.Cl. G01N 21/77 (2006.01) G01N 33/52 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING UNI- AND NO-CODE TEST STRIPES**
[54] **PROCEDE DE FABRICATION DE BANDELETTES DE TEST UNICODES ET SANS CODE**
[72] IBACH, ALEXANDER, DE
[72] ISGOEREN, YILMAZ, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2016-07-08
[86] 2015-01-22 (PCT/EP2015/051199)
[87] (WO2015/110500)
[30] EP (14152464.5) 2014-01-24

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[13] A1
[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/454 (2006.01) A61P 25/04 (2006.01) A61P 25/16 (2006.01) A61P 25/28 (2006.01) C07F 9/40 (2006.01)**
[25] EN
[54] **(R)-3-((3S,4S)-3-FLUORO-4-(4-HYDROXYPHENYL)PIPERIDIN-1-YL)-1-(4-METHYLBENZYL)PYRROLIDIN-2-ONE AND ITS PRODRUGS FOR THE TREATMENT OF PSYCHIATRIC DISORDERS**
[54] **(R)-3-((3S,4S)-3-FLUORO-4-(4-HYDROXYPHENYL)PIPEERIDIN-1-YL)-1-(4-METHYLBENZYL)PYRROLIDIN-2-ONE ET SES PRECURSEURS POUR LE TRAITEMENT DE TROUBLES PSYCHIATRIQUES**
[72] THOMPSON, LORIN A., III, US
[72] MACOR, JOHN E., US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
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[54] **LUBRIFIANT POUR SYSTEMES REFRIGERANTS A FAIBLE POTENTIEL DE RECHAUFFEMENT PLANETAIRE**
[72] PORTER, MICHEAL I., US
[72] BAKER, MARK R., US
[72] KARNAZ, JOSEPH A., US
[72] FOSTER, MICHAEL G., US
[72] LILJE, KENNETH C., US
[71] THE LUBRIZOL CORPORATION, US
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[54] **DIGITAL MEDIA CONTENT MANAGEMENT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE GESTION DE CONTENU MULTIMEDIA NUMERIQUE**
[72] MCDEVITT, JOHN, US
[71] HSNI, LLC, US
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[54] **SYSTEMES ET PROCEDES DE DIAGNOSTIC DU SOMMEIL**
[72] SHAPIRO, COLIN, CA
[72] OSVATH, LASZLO, CA
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[54] **COMPOSITIONS AND METHODS FOR TREATING CANCER**
[54] **COMPOSITIONS ET PROCEDES POUR TRAITER LE CANCER**
[72] WANEBO, HAROLD J., US
[71] CHEMO-ENHANCED LLC, US
[85] 2016-07-08
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[54] **ANTICORPS CIBLANT UNE PROTEINE C3D DU COMPLEMENT DEPOSEE SUR UNE SURFACE CELLULAIRE, ET UTILISATION DE CELUI-CI**
[72] WIESTNER, ADRIAN U., US
[72] SKARZYNSKI, MARTIN W., US
[72] LINDORFER, MARGARET A., US
[72] TAYLOR, RONALD P., US
[72] RADER, CHRISTOPH, US
[72] VIRE, BERENGERE, FR
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[71] UNIVERSITY OF VICTORIA PATENT FOUNDATION, D/B/A UNIVERSITY OF VIRGINIA LICENSING & VENTURES GROUP, US
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[54] **SYSTEM AND METHOD OF PRODUCING OIL**
[54] **SYSTEME ET PROCEDE DE PRODUCTION DE PETROLE**
[72] BAIRD, BENJAMIN, US
[72] ALAVANDI, SANDEEP, US
[72] BURNS, J. KEVIN, US
[72] CROWDER, BRUCE, US
[72] KAY, BRIAN, CA
[72] MASTANDUNO, RICHARD, US
[72] MORGAN, CURTIS, US
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[71] GENERAL ENERGY RECOVERY INC., CA
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[54] **PRESSURE REFERENCE ASSEMBLIES FOR BODY FLUID DRAINAGE SYSTEMS AND ASSOCIATED METHODS**
[54] **ENSEMBLES DE REFERENCE DE PRESSION POUR SYSTEMES DE DRAINAGE DE FLUIDES CORPORELS ET PROCEDES ASSOCIES**
[72] LUTZ, BARRY, US
[72] BROWD, SAMUEL R., US
[72] CLEMENT, THOMAS, US
[72] CRAN, BRIAN, US
[72] RELETHFORD, JOEL, US
[71] UNIVERSITY OF WASHINGTON THROUGH ITS CENTER FOR COMMERCIALIZATION, US
[71] AQUEDUCT NEUROSCIENCES, INC., US
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[54] **CPMV ENHANCER ELEMENTS**
[54] **ELEMENTS ACTIVATEURS DU CPMV**
[72] LAVOIE, PIERRE-OLIVIER, CA
[72] D'AOUST, MARC-ANDRE, CA
[71] MEDICAGO INC., CA
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[54] **ESTIMATING PERMEABILITY IN UNCONVENTIONAL SUBTERRANEAN RESERVOIRS USING DIAGNOSTIC FRACTURE INJECTION TESTS**
[54] **ESTIMATION DE LA PERMEABILITE DANS DES RESERVOIRS SOUS-TERRAINS NON CLASSIQUES UTILISANT DES ESSAIS D'INJECTION DE FRACTURE DE DIAGNOSTIC**
[72] LAMEI, CHRISTOPHER HOSS, US
[72] SOLIMAN, MOHAMED YOUSEF, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[71] PETRO RESEARCH & ANALYSIS CORP., US
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[54] **CELLULAR PLATFORM FOR RAPID AND COMPREHENSIVE T-CELL IMMUNOMONITORING**
[54] **PLATE-FORME CELLULAIRE D'IMMUNOSURVEILLANCE RAPIDE ET COMPLETE DES LYMPHOCYTES T**
[72] SEIDELL, RONALD D., III, US
[72] CHAPARRO, RODOLFO, US
[72] HILLERICH, BRANDAN S., US
[72] ALMO, STEVEN C., US
[71] ALBERT EINSTEIN COLLEGE OF MEDICINE, INC., US
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[54] **FOURNITURE DE GAZ NATUREL RICHE EN METHANE POUR DES SYSTEMES DE COMBUSTION STATIONNAIRES**
[72] MATTEUCCI, SCOTT T., US
[72] BADHWAR, AJAY N., US
[72] SHURGOTT, NICHOLAS J., US
[72] GOLTZ, H. ROBERT, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **METHODES DE DETECTION ET DE QUANTIFICATION DE BACTERIES CONTENUES SUR OU DANS DE LA GOMME A MACHER**
[72] MAITRA, AMARNATH, US
[72] WESSEL, STEFAN, NL
[72] VAN DER MEI, HENNY C., NL
[72] BUSSCHER, HENK J., NL
[71] WM. WRIGLEY JR. COMPANY, US
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[54] **RECIPIENT DE BOISSON DE VOYAGE**
[72] ELSADEN, SAMI, US
[72] COON, ROBERT, US
[72] CHIOU, JOSEPH, US
[72] JOSEPH, DAVID, US
[71] IGNITE USA, LLC, US
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[54] **MACHINE A LAVER A RESERVOIR D'EAU**
[72] XU, HUI, CN
[72] LIAN, YANGZHONG, CN
[72] ZHU, DENGGUANG, CN
[72] ZHENG, FENG, CN
[72] LI, SHUAI, CN
[72] MAO, ZHONGQUN, CN
[72] ZHU, YONGDING, CN
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[54] **MATERIAUX DE SUPPORT POUR IMPRESSION 3D**
[72] BAYER, ROLAND, DE
[72] PYZIK, ALEKSANDER J., US
[72] ALLEN, SHARON, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **ARCHITECTURE DE SERVICE EN NUAGE MOBILE**
[72] VAN DE LOO, KAJ, US
[71] ORACLE INTERNATIONAL CORPORATION, US
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[54] **DISQUE A GRAINES AVEC ENTRAINEMENT INTEGRE**
[72] WILHELMI, MATTHEW J., US
[72] ROLFFS, MERLAN, US
[72] HAHN, DUSTAN, US
[72] MULHERIN, JOHN P., US
[72] ACHEN, COURTNEY N., US
[72] MYERS, MICHAEL J., US
[72] LEGGE, RYAN, US
[72] SCHILDROTH, RHETT, US
[72] BACHMAN, MARVIN, US
[72] KNIFFEN, TODD E., US
[71] KINZE MANUFACTURING, INC., US
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[54] **ANTIBODIES DIRECTED AGAINST INTERLEUKIN-33 (IL-33)**
[54] **ANTICORPS DIRIGES CONTRE L'INTERLEUKINE-33 (IL-33)**
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[72] KING, DAVID J., US
[72] MCKNIGHT, ANDREW JOHN, US
[71] ANAPTYSBIO, INC., US
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[54] **SYSTEME DE SPRINKLEURS ANTIGEL**
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[71] THE VIKING CORPORATION, US
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[54] **ELEMENT CHAUFFANT ET DISPOSITIF DE CHAUFFAGE DE PROCESSUS**
[72] MANN, MARKUS, DE
[72] KRAMER, MICHAEL, DE
[71] SANDVIK MATERIALS TECHNOLOGY DEUTSCHLAND GMBH, DE
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[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT DE DONNEES POUR UN TELEVISEUR A DIODE ELECTROLUMINESCENTE (DEL) ET TELEVISEUR A DEL**
[72] LEI, WEILIN, CN
[72] LU, CHANGJUN, CN
[72] ZHANG, LONGHU, CN
[72] SUN, ZHENG, CN
[71] LEYARD OPTOELECTRONIC CO., LTD., CN
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[72] FANG, ZHENGWEI, CN
[71] SHANGHAI HONGYAN RETURNABLE TRANSIT PACKAGINGS CO., LTD., CN
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[54] **COMPOUNDS AND COMPOSITIONS FOR TREATING HER2 POSITIVE TUMORS**
[54] **COMPOSES ET COMPOSITIONS POUR TRAITER DES TUMEURS A HER2 POSITIF**
[72] LI, LIXIN, CN
[71] SHANGHAI BIRDIE BIOTECH, INC., CN
[85] 2016-07-08
[86] 2015-01-08 (PCT/CN2015/070377)
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[54] **COMPOUNDS AND COMPOSITIONS FOR IMMUNOTHERAPY**
[54] **COMPOSES ET COMPOSITIONS POUR L'IMMUNOTHERAPIE**
[72] LI, LIXIN, CN
[71] SHANGHAI BIRDIE BIOTECH, INC., CN
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[54] **COMPOUNDS AND COMPOSITIONS FOR TREATING EGFR EXPRESSING TUMORS**
[54] **COMPOSES ET COMPOSITIONS POUR LE TRAITEMENT DE TUMEURS EXPRIMANT EGFR**
[72] LI, LIXIN, CN
[71] SHANGHAI BIRDIE BIOTECH, INC., CN
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[54] **MOUTHGUARD**
[54] **PROTHESE PROTECTRICE**
[72] CIRCO, CHRISTOPHER W., US
[72] SCHRAGER, TONY, US
[72] LI, XINHUA, US
[72] FARHAT, HOOTAN, US
[72] TREMBLAY, NOAH, US
[71] BREAK & PLAY, LLC, US
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[54] **SYSTEM AND METHOD FOR CUSTOMER EXPERIENCE MANAGEMENT**
[54] **SYSTEME ET PROCEDE DE GESTION D'EXPERIENCE DE CLIENT**
[72] SURRIDGE, MATTHEW JAMES, US
[72] VERRALL, ANDREW THOMAS CHARLES, US
[72] SMITH, CAMERON DAVID, US
[72] HEDGES, GREGORY JOHN, US
[72] TE BOOIJ, MERIJN, US
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[54] **BIO-COMBUSTIBLES LIQUIDES**
[72] RAMIREZ CORREDORES, MARIA MAGDALENA, US
[72] SANCHEZ, VICENTE, US
[72] BAUER, LORENZ J., US
[71] KIOR, INC., US
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[54] **A DENTAL RESTORATIVE DEVICE AND METHOD OF USING THE SAME**
[54] **DISPOSITIF DE RESTAURATION DENTAIRE ET PROCEDE POUR L'UTILISER**
[72] MCDONALD, SIMON P., NZ
[72] AUBONE, ALEJANDRO, NZ
[71] RHONDIUM IP LIMITED, NZ
[85] 2016-07-08
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[25] EN
[54] **TRIAZINE COMPOUNDS AND PHARMACEUTICAL USE THEREOF**
[54] **COMPOSE DE TRIAZINE ET SON UTILISATION A DES FINS MEDICALES**
[72] NAGAMORI, HIRONOBU, JP
[72] MITANI, IKUO, JP
[72] YAMASHITA, MASAKI, JP
[72] HOTTA, TAKAHIRO, JP
[72] NAKAGAWA, YUICHI, JP
[72] UEDA, MASATOSHI, JP
[71] JAPAN TOBACCO INC., JP
[85] 2016-06-29
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[30] JP (2014-031035) 2014-02-20

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[51] **Int.Cl. B65D 83/06 (2006.01) B65D 83/14 (2006.01) B65D 83/32 (2006.01)**
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[54] **SPRAY DELIVERY DEVICE**
[54] **DISPOSITIF DE DISTRIBUTION PAR PULVERISATION**
[72] DANN, THOMAS, US
[72] NELSON, RENEE, US
[72] WAGNER, BRIAN, US
[72] WALTER, MARY, US
[71] MISSION PHARMACAL COMPANY, US
[85] 2016-07-08
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[54] **METHOD OF JOINING DISSIMILAR MATERIALS**
[54] **PROCEDE D'ASSEMBLAGE DE MATERIAUX DIFFERENTS**
[72] HILL, JOHN, US
[72] GABBIANELLI, GIANFRANCO, US
[72] BYRNE, JAMES, II, US
[72] SINGH, JASWINDER, US
[72] CHELLMAN, MARI, US
[72] BEALS, RANDY, US
[71] MAGNA INTERNATIONAL INC., CA
[85] 2016-07-08
[86] 2015-02-11 (PCT/US2015/015437)
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[25] EN
[54] **STABILIZED, SPRAYABLE EMULSION CONTAINING ACTIVE AGENT PARTICLES**
[54] **EMULSION STABILISEE PULVERISABLE CONTENANT DES PARTICULES D'AGENT ACTIF**
[72] DANN, THOMAS, US
[72] NELSON, RENEE, US
[72] WAGNER, BRIAN, US
[72] WALTER, MARY, US
[71] MISSION PHARMACAL COMPANY, US
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[25] EN
[54] **HOIST MAIN SHAFT TORQUE MONITORING DEVICE BASED ON ANGLE MEASUREMENT**
[54] **DISPOSITIF DE SURVEILLANCE DU COUPLE DE L'ARBRE PRINCIPAL D'UNE MACHINE D'EXPLOITATION SUR LA BASE DES MESURES D'ANGLE**
[72] JIANG, FAN, CN
[72] ZHU, ZHENCAI, CN
[72] LI, WEI, CN
[72] CAO, GUOHUA, CN
[72] ZHOU, GONGBO, CN
[72] PENG, YUXING, CN
[72] SHEN, GANG, CN
[72] LU, HAO, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
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[51] **Int.Cl. C12N 1/20 (2006.01) C12P 7/00 (2006.01)**
[25] EN
[54] **BACTERIUM WITH INCREASED TOLERANCE TO BUTYRIC ACIDS**
[54] **BACTERIE A TOLERANCE ACCRUE AUX ACIDES BUTYRIQUES**
[72] HEIJSTRA, BJORN DANIEL, US
[72] AL-SINAWI, BAKIR, US
[72] SMITH, LIAM BARRY, US
[72] JENSEN, RASMUS OVERGAARD, US
[72] MITCHELL, WAYNE PIERCE, US
[72] KOEPKE, MICHAEL, US
[71] LANZATECH NEW ZEALAND LIMITED, NZ
[85] 2016-07-08
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[51] **Int.Cl. A21D 13/00 (2006.01) A21D 13/08 (2006.01) A23G 3/34 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR PRODUCTION OF LOW WATER ACTIVITY FILLINGS**
[54] **PROCEDES ET SYSTEMES POUR LA PRODUCTION DE GARNITURES A FAIBLE ACTIVITE DE L'EAU**
[72] DEGADY, MARC, US
[72] CLUET, DENIS, US
[72] MANNS, JAMES M., US
[72] RICHAR, THOMAS M., US
[72] STREUBER, ROBERT, US
[72] KIM, DENNIS A., US
[72] CONWAY, WILLIAM, US
[71] INTERCONTINENTAL GREAT BRANDS LLC, US
[85] 2016-07-08
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[54] **FRAME**
[54] **CADRE**
[72] VESTERGAARD, STIG, DK
[71] PROJECKTMETIER V/ STIG VESTERGAARD, DK
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[51] **Int.Cl. A22C 17/04 (2006.01) A22C 17/00 (2006.01)**
[25] EN
[54] **DEBONING MACHINE**
[54] **MACHINE DE DESOSSAGE**
[72] HANCOCK, ROBIN, US
[71] WEILER AND COMPANY, INC., US
[85] 2016-07-15
[86] 2015-01-21 (PCT/US2015/012205)
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[51] **Int.Cl. A61K 9/113 (2006.01) A61K 47/02 (2006.01) A61K 47/44 (2006.01)**
[25] EN
[54] **SPRAYABLE COMPOSITION CONTAINING ZINC OXIDE AND A FLUORO-OLEFIN PROPELLANT**
[54] **COMPOSITION PULVERISABLE CONTENANT DE L'OXYDE DE ZINC ET UN AGENT PROPULSEUR DE TYPE FLUORO-OLEFINE**
[72] DANN, THOMAS, US
[72] NELSON, RENEE, US
[72] WAGNER, BRIAN, US
[72] WALTER, MARY, US
[71] MISSION PHARMACAL COMPANY, US
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[54] **ROTARY SPRAY ARM FOR A WASHING DEVICE AND APPLICATION THEREOF**
[54] **PAROI DE PULVERISATION ROTATIVE UTILISEE DANS UN APPAREIL DE LAVAGE, ET APPLICATION DE CELLE-CI**
[72] XU, HUI, CN
[72] LIAN, YANGZHONG, CN
[72] ZHU, DENGGUANG, CN
[72] ZHENG, FENG, CN
[72] LI, SHUAI, CN
[72] MAO, ZHONGQUN, CN
[72] ZHU, YONGDING, CN
[71] NINGBO FOTILE KITCHEN WARE CO., LTD, CN
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[25] EN
[54] **PROGRESSIVE PROFILING IN AN AUTOMATION SYSTEM**
[54] **ETABLISSEMENT DE PROFIL PROGRESSIF DANS UN SYSTEME D'AUTOMATISATION**
[72] LYMAN, JEFFERSON, US
[72] BRUNSON, NIC, US
[72] SHEARER, WADE, US
[72] WARNER, MIKE, US
[72] WALGER, STEFAN, US
[71] VIVINT, INC., US
[85] 2016-07-08
[86] 2015-01-29 (PCT/US2015/013439)
[87] (WO2015/116773)
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[51] **Int.Cl. H04L 9/08 (2006.01) H04L 9/32 (2006.01) H04L 29/08 (2006.01)**
[25] EN
[54] **ANTI-TAKEOVER SYSTEMS AND METHODS FOR NETWORK ATTACHED PERIPHERALS**
[54] **SYSTEMES ET PROCEDES ANTI-PRISE EN CHARGE DESTINES A DES PERIPHERIQUES RATTACHES A UN RESEAU**
[72] WARREN, JEREMY B., US
[71] VIVINT, INC., US
[85] 2016-07-08
[86] 2015-01-28 (PCT/US2015/013338)
[87] (WO2015/116710)
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[25] EN
[54] **INVERSION METHOD**
[54] **PROCEDE D'INVERSION**
[72] WIIK, TORGEIR, NO
[72] OVERLAND DISCHLER, EIRIK, NO
[72] NORDSKAG, JANNICHE IREN, NO
[72] NGUYEN, ANH KIET, NO
[71] STATOIL PETROLEUM AS, NO
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[25] EN
[54] **METHOD AND APPARATUS FOR CONTROLLING A HYBRID ENERGY STORAGE SYSTEM**
[54] **PROCEDE ET APPAREIL PERMETTANT DE COMMANDER UN SYSTEME DE STOCKAGE D'ENERGIE HYBRIDE**
[72] LIANG, JIAQI, US
[72] QI, LI, US
[71] ABB RESEARCH LTD., CH
[85] 2016-07-08
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[51] **Int.Cl. F16J 15/16 (2006.01) F16J 15/447 (2006.01)**
[25] EN
[54] **BEARING ISOLATOR SEAL FOR ROTATING SHAFT**
[54] **JOINT ISOLATEUR DE PALIER POUR ARBRE ROTATIF**
[72] BENDER, PAUL, US
[72] FERRIS, JASON, US
[72] MALOCHA, JASON, US
[72] BARKER, JOSEPH, US
[71] FLOWSERVE MANAGEMENT COMPANY, US
[71] BENDER, PAUL, US
[71] FERRIS, JASON, US
[71] MALOCHA, JASON, US
[71] BARKER, JOSEPH, US
[85] 2016-07-08
[86] 2015-01-08 (PCT/US2015/010605)
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[30] US (61/925,894) 2014-01-10

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[51] **Int.Cl. B60T 8/17 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR AIRCRAFT BRAKE METERING TO ALLEVIATE STRUCTURAL LOADING**
[54] **SYSTEME ET PROCEDE DE CALCUL DE FREINAGE D'AVION AFIN DE REDUIRE UN EFFORT STRUCTUREL**
[72] DEVLIEG, GARRETT H., US
[72] GOWAN, JOHN, US
[71] HYDRO-AIRE, INC., US
[85] 2016-07-08
[86] 2015-01-09 (PCT/US2015/010903)
[87] (WO2015/106160)
[30] US (14/152,457) 2014-01-10

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[25] EN
[54] **METHODS FOR DEFINING AND PREDICTING IMMUNE RESPONSE TO ALLOGRAFT**
[54] **PROCEDES DE DEFINITION ET DE PREDICTION DE LA REACTION IMMUNITAIRE A UNE ALLOGREFFE**
[72] EMERSON, RYAN O., US
[72] KIRSCH, ILAN, US
[72] MATHEW, JAMES, US
[72] LEVENTHAL, JOSEPH, US
[71] ADAPTIVE BIOTECHNOLOGIES CORP., US
[71] NORTHWESTERN UNIVERSITY, US
[85] 2016-07-08
[86] 2015-01-09 (PCT/US2015/010904)
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[30] US (61/925,956) 2014-01-10
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[54] **METHOD AND SYSTEM FOR MANAGING GEOSPATIAL DEPLOYMENT**
[54] **PROCEDE ET SYSTEME DE GESTION DU DEPLOIEMENT GEOSPATIAL**
[72] FORBES, JOSEPH PATRICK, AU
[72] FLEMMING, DANIEL PAUL, AU
[71] RENDER NETWORKS PTY LTD, AU
[85] 2016-07-11
[86] 2015-01-29 (PCT/AU2015/000045)
[87] (WO2015/113109)
[30] AU (2014200481) 2014-01-29

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[51] **Int.Cl. H01Q 7/06 (2006.01) H01F 5/00 (2006.01)**
[25] EN
[54] **TELEMETRY ARRANGEMENTS FOR IMPLANTABLE DEVICES**
[54] **AGENCEMENTS DE TELEMETRIE POUR DISPOSITIFS IMPLANTABLES**
[72] ARROYO, STEVEN, US
[72] SAGAN, DIDIER, US
[71] MINIPUMPS, LLC, US
[85] 2016-07-08
[86] 2015-01-09 (PCT/US2015/010842)
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[25] EN
[54] **METHOD FOR PRODUCING A CAPACITOR, CAPACITOR AND USE THEREOF**
[54] **PROCEDE DE FABRICATION D'UN CONDENSATEUR, CONDENSATEUR ET SON UTILISATION**
[72] MATZ, RICHARD, DE
[72] WALTER, STEFFEN, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[51] **Int.Cl. G07F 17/32 (2006.01)**
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[54] **SCREEN-FRAME CONFIGURATION AND SCREEN DEVICE**
[54] **CONFIGURATION DE CADRE D'ECRAN ET APPAREIL A ECRAN**
[72] BAILER, BRUNO, AT
[71] NOVOMATIC AG, AT
[85] 2016-07-11
[86] 2015-01-08 (PCT/EP2015/050278)
[87] (WO2015/104348)
[30] AT (A 19/2014) 2014-01-13

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[51] **Int.Cl. H01G 2/08 (2006.01) H01M 10/643 (2014.01) H01G 4/28 (2006.01) H01G 4/38 (2006.01) H01M 2/10 (2006.01) H01B 9/00 (2006.01) H01B 11/18 (2006.01)**
[25] EN
[54] **CAPACITOR**
[54] **CONDENSATEUR**
[72] DANOV, VLADIMIR, DE
[72] KOCH, ANDREAS, DE
[72] MATZ, RICHARD, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2016-07-08
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[30] DE (10 2014 200 347.4) 2014-01-10

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[13] A1
[51] **Int.Cl. A61N 7/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS USING ULTRASOUND FOR TREATMENT**
[54] **SYSTEMES ET METHODES UTILISANT DES ULTRASONS POUR UN TRAITEMENT**
[72] BONUTTI, PETER M., US
[72] BEYERS, JUSTIN E., US
[72] BIERMAN, TONYA M., US
[71] AXIOSONIC, LLC, US
[85] 2016-07-08
[86] 2015-01-09 (PCT/US2015/010843)
[87] (WO2015/106118)
[30] US (61/925,395) 2014-01-09
[30] US (62/063,171) 2014-10-13

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[51] **Int.Cl. A61B 17/22 (2006.01) A61B 17/221 (2006.01)**
[25] EN
[54] **EXPANDABLE BASKET RETRIEVAL DEVICE**
[54] **DISPOSITIF D'EXTRACTION A PANIER EXTENSIBLE**
[72] CHU, MICHAEL S.H., US
[71] BOSTON SCIENTIFIC SCIMED, INC., US
[85] 2016-07-08
[86] 2015-01-09 (PCT/US2015/010861)
[87] (WO2015/106131)
[30] US (61/925,952) 2014-01-10
[30] US (61/938,311) 2014-02-11

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[51] **Int.Cl. E21F 1/04 (2006.01) E21F 1/08 (2006.01) F16L 55/027 (2006.01) F24F 7/04 (2006.01) F24F 13/10 (2006.01)**
[25] EN
[54] **VENTILATION DUCTING SYSTEMS & METHODS**
[54] **SYSTEMES ET PROCEDES POUR GAINES DE VENTILATION**
[72] GILBERTSON, DARREN, AU
[71] GILBERTSON, DARREN, AU
[85] 2016-07-11
[86] 2015-01-12 (PCT/AU2015/050009)
[87] (WO2015/103675)
[30] AU (2014200172) 2014-01-12

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[51] **Int.Cl. A61B 5/053 (2006.01) A61B 5/07 (2006.01) A61B 5/145 (2006.01) A61B 5/01 (2006.01) A61B 5/1455 (2006.01)**
[25] EN
[54] **IMPLANTABLE SENSOR AND METHOD FOR SUCH SENSOR**
[54] **CAPTEUR IMPLANTABLE ET PROCEDE POUR UN TEL CAPTEUR**
[72] RUSU, ANA, SE
[72] DUENAS, SAUL ALEJANDRO RODRIGUEZ, SE
[72] OLLMAR, STIG, SE
[71] DERMAL DEVICES INC., CA
[85] 2016-07-11
[86] 2015-01-13 (PCT/EP2015/050484)
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[30] US (14/157,298) 2014-01-16

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[51] **Int.Cl. A61M 3/02 (2006.01)**
[25] EN
[54] **INTIMATE CLEANSER**
[54] **PRODUIT LAVANT A USAGE INTIME**
[72] CASTROPIL LOGAARZO, MARCUS AUGUSTUS, BR
[71] MIX FOR YOU LTDA., BR
[85] 2016-07-11
[86] 2014-03-28 (PCT/BR2014/000103)
[87] (WO2015/123742)
[30] BR (BR202014004079-5) 2014-02-21

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[51] **Int.Cl. A61M 15/00 (2006.01) F16K 99/00 (2006.01) G05D 7/01 (2006.01)**
[25] EN
[54] **MINIATURIZED FLUID FLOW REGULATING DEVICE**
[54] **DISPOSITIF MINIATURISE DE REGULATION D'ECOULEMENT DE FLUIDE**
[72] ROXHED, NICLAS, SE
[72] STEMME, GORAN, SE
[72] JOHANSSON, STAFFAN, SE
[71] AEROCRINE AB, SE
[85] 2016-07-11
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[30] SE (1450070-6) 2014-01-24

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[51] **Int.Cl. G01L 5/04 (2006.01)**
[25] EN
[54] **ON-LINE DETECTION DEVICE AND METHOD FOR TENSION OF SUSPENSION ROPES OR STABILISING ROPES IN CONSTRUCTION VERTICAL SHAFT**
[54] **DISPOSITIF ET PROCEDE DE DETECTION EN LIGNE POUR LA TENSION DE CABLES DE SUSPENSION OU DE CABLES DE STABILISATION DANS UN ARBRE VERTICAL DE CONSTRUCTION**
[72] CAO, GUOHUA, CN
[72] YAN, LU, CN
[72] ZHU, ZHENCAI, CN
[72] WANG, YANDONG, CN
[72] PENG, WEIHONG, CN
[72] WANG, NAIGE, CN
[72] WANG, JINJIE, CN
[72] LIU, SHANZENG, CN
[72] SHEN, GANG, CN
[72] ZHANG, HAIXIANG, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
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[30] CN (201410623945.9) 2014-11-07

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[51] **Int.Cl. B01D 29/60 (2006.01) B01D 35/22 (2006.01) B01D 35/30 (2006.01)**
[25] EN
[54] **FLOW CONTROL FEATURES FOR FLUID FILTRATION DEVICE AND METHODS**
[54] **ELEMENTS DE REGULATION DE L'ECOULEMENT POUR DISPOSITIF DE FILTRATION DE FLUIDE ET PROCEDES**
[72] LEVITT, DAVID J., US
[71] SPIRAL WATER TECHNOLOGIES, INC., US
[85] 2016-07-08
[86] 2015-01-12 (PCT/US2015/011063)
[87] (WO2015/106221)
[30] US (61/926,655) 2014-01-13
[30] US (61/926,626) 2014-01-13
[30] US (14/593,785) 2015-01-09

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[51] **Int.Cl. G01B 21/20 (2006.01) A61B 5/107 (2006.01) G01B 11/245 (2006.01) G01B 11/25 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR GENERATING A THREE-DIMENSIONAL SCAN OF AN OBJECT**
[54] **PROCEDE ET SYSTEME PERMETTANT DE GENERER UN BALAYAGE TRIDIMENSIONNEL D'UN OBJET**
[72] SABISTON, ROBERT MALCOLM, CA
[72] CHANG, JEFFREY DAVID, CA
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[54] **DERIVES D'HYDROXY FORMAMIDE ET LEUR UTILISATION**
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[72] EIDAM, HILARY SCHENCK, US
[72] ELBAN, MARK, US
[72] FOX, RYAN MICHAEL, US
[72] HAMMOND, MARLYS, US
[72] HILFIKER, MARK A., US
[72] HOANG, TRAM H., US
[72] KALLANDER, LARA S., US
[72] LAWHORN, BRIAN GRIFFIN, US
[72] MANNS, SHARADA, US
[72] PHILP, JOANNE, US
[72] WASHBURN, DAVID G., US
[72] YE, GUOSEN, US
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[54] **HEAT EXCHANGER FOR A SHOWER OR BATHTUB**
[54] **ECHANGEUR DE CHALEUR POUR DOUCHE OU BAIGNOIRE**
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[72] SVATON, ROMAN, CH
[72] RUSCH, CHRISTOPH, CH
[71] JOULIA AG, CH
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[25] FR
[54] **BITUMEN/POLYMER COMPOSITION HAVING IMPROVED MECHANICAL PROPERTIES UNDER COLD CONDITIONS**
[54] **COMPOSITION BITUME/POLYMERE A PROPRIETES MECANIQUES A FROID AMELIOREES**
[72] MOUAZEN, MOUHAMAD, FR
[72] BOTEL, ROMUALD, FR
[72] RUOT, CAROLE, FR
[72] CHAMINAND, JULIEN, FR
[72] DRIDI, NOUR, FR
[71] TOTAL MARKETING SERVICES, FR
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[25] EN
[54] **COMPACT MECHANIC'S CREEPER**
[54] **SOMMIER ROULANT COMPACT POUR MECANICIEN**
[72] WAGNER, ANDRE, CA
[72] SIEB, ERIK, CA
[71] WAGNER, ANDRE, CA
[71] SIEB, ERIK, CA
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[25] FR
[54] **TANK FOR COOLANT LIQUID OF A HEAT ENGINE AND FOR ENGINE AND/OR TRANSMISSION LUBRICANT, AND CIRCUIT INCLUDING SAME**
[54] **RESERVOIR POUR LIQUIDE DE REFROIDISSEMENT DE MOTEUR THERMIQUE ET POUR LUBRIFIANT MOTEUR ET/OU DE TRANSMISSION, ET CIRCUIT L'INCORPORANT**
[72] COLDRE, LAURENT, FR
[72] SWOBODA, BENJAMIN, FR
[71] HUTCHINSON, FR
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[25] FR
[54] **METHOD FOR MANUFACTURING OSTEOSYNTHESIS DEVICES, OSTEOSYNTHESIS DEVICES AND IMPLANTS MADE OF SEMI-SYNTHETIC HYBRID MATERIAL OBTAINED BY STRUCTURAL MODIFICATION OF THE COMPONENTS OF A NATURAL MARINE BIOMATERIAL**
[54] **PROCEDE DE FABRICATION DE DISPOSITIFS D'OSTEOSYNTHESE, DISPOSITIFS D'OSTEOSYNTHESE ET IMPLANTS EN MATERIAU HYBRIDE SEMI-SYNTHETIQUE OBTENU PAR MODIFICATION STRUCTURALE DES COMPOSANTS D'UN BIOMATERIAU NATUREL MARIN**
[72] CAMPRASSE, GEORGES, FR
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[71] MBP (MAURITIUS) LTD, MU
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[54] **ACCESSORY GEARBOX**
[54] **BOITIER D'ENTRAINEMENT POUR EQUIPEMENTS**
[72] VIEL, JULIEN, FR
[72] PELTIER, JORDANE, FR
[72] PRUNERA-USACH, STEPHANE, FR
[71] HISPANO SUIZA, FR
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[25] FR
[54] **AIR-RECYCLING VENTILATION ASSEMBLY FOR AN INFRARED RADIATION EMITTER, WITH TEMPERATURE CONTROL**
[54] **ENSEMBLE DE VENTILATION A RECYCLAGE D'AIR POUR EMETTEUR DE RAYONNEMENTS INFRAROUGES AVEC CONTROLE DE TEMPERATURE**
[72] CHARMES, MICHEL, FR
[71] SUNKISS MATHERM RADIATION, FR
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[54] **CHAUSSURES A TALONS HAUTS POUR POSTURE CORRECTE**
[72] KAZES, HAYIM VITALI, IL
[71] HEELZERO LLC, US
[85] 2016-07-08
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[54] **CONNECTEUR DE FIBRES OPTIQUES ET SYSTEME DE COMPOSANTS DE CONNECTEUR DE FIBRES OPTIQUES**
[72] YAN, XIONGWEI, CN
[72] LAN, XIAOBO, CN
[72] FU, XIN, CN
[72] HU, JIANPENG, CN
[72] CHEN, SHIRONG, CN
[72] XIONG, YU, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **RECONSTITUTED NIPPLE SKIN MODEL**
[54] **MODELE DE PEAU DE MAMMELON RECONSTITUE**
[72] BREDIF, STEPHANIE, FR
[72] BAUDOUIN, CAROLINE, FR
[72] MSIKA, PHILIPPE, FR
[72] MELONI, MARISA, IT
[71] LABORATOIRES EXPANSCIENCE, FR
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[54] **METHODS FOR ENHANCING THE DELIVERY OF ACTIVE AGENTS**
[54] **PROCEDES POUR L'AMELIORATION DE L'ADMINISTRATION D'AGENTS ACTIFS**
[72] LI, KING, US
[72] MINTZ, AKIVA, US
[72] XIONG, XIAOBING, US
[72] JUNG, YOUNG-KYOO, US
[72] SUN, YAO, US
[71] WAKE FOREST UNIVERSITY HEALTH SCIENCES, US
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[54] **AGENCEMENT POUR LE LANCEMENT D'UN MODE DE FONCTIONNEMENT A DISTANCE**
[72] HANSKI, SAMI, FI
[72] NURMINEN, PETRI, FI
[72] UOTILA, JARKKO, FI
[72] CUMINI, LAUSO, FI
[72] MANNONEN, PETRI, FI
[72] SIREN, ARTO, FI
[71] SANDVIK MINING AND CONSTRUCTION OY, FI
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[54] **DISPOSITIF DE CONDENSATION DE DONNEES OPTIMISE ET PROCEDE**
[72] GOODWIN, ANDREW J., US
[72] FISHER, MATTHEW P., US
[71] RELICAN ANALYTICS, INC., US
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[51] **Int.Cl. C12N 5/00 (2006.01) C12N 5/071 (2010.01)**
[25] EN
[54] **HIGH THROUGHPUT SCREENING OF AGENTS ON DOPAMINERGIC NEURONS**
[54] **CRIBLAGE A HAUT DEBIT POUR IDENTIFIER LES AGENTS AYANT UNE ACTION SUR LES NEURONES DOPAMINERGIQUES**
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[72] WISER, OFER, IL
[72] REUBINOFF, BENJAMIN EITHAN, IL
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[71] HADASIT MEDICAL RESEARCH SERVICES AND DEVELOPMENT LTD., IL
[85] 2016-07-11
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[54] **HEALTH MONITORING SYSTEM**
[54] **SYSTEME DE SURVEILLANCE DE LA SANTE**
[72] RUSU, ANA, SE
[72] DUENAS, SAUL ALEJANDRO RODRIGUEZ, SE
[72] OLLMAR, STIG, SE
[71] DERMAL DEVICES INC., CA
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[54] **CIBLAGE DE CLPTM1L POUR LE TRAITEMENT ET LA PREVENTION DU CANCER**
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[71] THE MEDICAL COLLEGE OF WISCONSIN, INC., US
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[13] A1
[51] **Int.Cl. A61K 33/00 (2006.01) A61K 9/00 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **METHODS OF USING INHALED NITRIC OXIDE GAS FOR TREATMENT OF ACUTE RESPIRATORY DISTRESS SYNDROME IN CHILDREN**
[54] **METHDOES D'UTILISATION DE MONOXYDE D'AZOTE INHALE POUR LE TRAITEMENT DU SYNDROME DE DETRESSE RESPIRATOIRE AIGUE CHEZ L'ENFANT**
[72] POTENZIANO, JIM, US
[72] BRONICKI, RONALD, US
[72] BALDASSARRE, JAMES, US
[71] INO THERAPEUTICS LLC, US
[85] 2016-07-08
[86] 2015-01-09 (PCT/US2015/010839)
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[30] US (61/925,925) 2014-01-10
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[25] EN
[54] **MINE VEHICLE AND METHOD OF DETERMINING POSITION AND DIRECTION OF MONITORED OBJECT**
[54] **VEHICULE MINIER ET PROCEDE DE DETERMINATION DE LA POSITION ET DE LA DIRECTION D'UN OBJET SURVEILLE**
[72] PUURA, JUSSI, FI
[72] VON ESSEN, TOMI, FI
[71] SANDVIK MINING AND CONSTRUCTION OY, FI
[85] 2016-07-11
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[87] (WO2015/107069)
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[25] EN
[54] **MEASUREMENT OF DIELECTRIC PROPERTIES DURING THAWING OR FREEZING OF A FOOD PRODUCT**
[54] **MESURE DE PROPRIETES DIELECTRIQUES AU COURS DE LA DECONGELATION OU DE LA CONGELATION D'UN PRODUIT ALIMENTAIRE**
[72] STROLENBERG, ALEX, NL
[71] GEA FOOD SOLUTIONS BAKEL B.V., NL
[85] 2016-07-11
[86] 2015-01-15 (PCT/EP2015/050634)
[87] (WO2015/107100)
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[25] EN
[54] **LOW SURFACE FRICTION DRILL BIT BODY FOR USE IN WELLBORE FORMATION**
[54] **CORPS DE TREPAN A FAIBLE FROTTEMENT DE SURFACE DESTINE A ETRE UTILISE DANS LA FORMATION D'UN PUITS DE FORAGE**
[72] OLSEN, GARRETT T., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-07-11
[86] 2014-03-12 (PCT/US2014/024926)
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[51] **Int.Cl. C09K 3/14 (2006.01) B24B 1/00 (2006.01) B24B 37/00 (2012.01) C09G 1/02 (2006.01) H01L 21/304 (2006.01)**
[25] EN
[54] **ABRASIVE PARTICLE, MANUFACTURING METHOD OF THE SAME, POLISHING METHOD, POLISHING DEVICE, AND SLURRY**
[54] **PARTICULE ABRASIVE DE POLISSAGE, SON PROCEDE DE PRODUCTION, PROCEDE DE POLISSAGE, DISPOSITIF DE POLISSAGE, ET BOUILLIE**
[72] FUJIMOTO, SHUNICHI, JP
[72] YAMASHITA, TETSUJI, JP
[71] ASAHI KASEI KOGYO CO., LTD., JP
[85] 2016-07-11
[86] 2015-01-19 (PCT/JP2015/051175)
[87] (WO2015/118927)
[30] JP (2014-021392) 2014-02-06
[30] JP (2014-146604) 2014-07-17
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[25] EN
[54] **THERMOELECTRIC CONVERSION MODULE**
[54] **MODULE DE CONVERSION THERMOELECTRIQUE**
[72] UCHIYAMA, NAOKI, JP
[72] KUBO, KAZUYA, JP
[71] ATSUMITEC CO., LTD., JP
[85] 2016-07-11
[86] 2015-01-21 (PCT/JP2015/051564)
[87] (WO2015/111629)
[30] JP (2014-009464) 2014-01-22

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[13] A1
[51] **Int.Cl. C07K 16/30 (2006.01)**
[25] EN
[54] **CHIMERIC ANTIGEN RECEPTORS (CARS) HAVING MUTATIONS IN THE FC SPACER REGION AND METHODS FOR THEIR USE**
[54] **RECEPTEURS D'ANTIGENES CHIMERES (CAR) COMPRENANT DES MUTATIONS DANS LA REGION DE L'ESPACEUR FC ET PROCEDES POUR LEUR UTILISATION**
[72] FORMAN, STEPHEN J., US
[72] BROWN, CHRISTINE E., US
[72] JONNALAGADDA, UMAMAHESWARARAO, US
[72] MARDIROS, ARMEN, US
[71] FORMAN, STEPHEN J., US
[71] BROWN, CHRISTINE E., US
[71] JONNALAGADDA, UMAMAHESWARARAO, US
[71] MARDIROS, ARMEN, US
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[51] **Int.Cl. E21B 33/12 (2006.01)**
[25] EN
[54] **DOWNHOLE PACKER AND ASSOCIATED METHODS**
[54] **GARNITURE D'ETANCHEITE DE FOND DE TROU ET PROCEDES ASSOCIES**
[72] ANDERSON, NEIL, GB
[72] MACKIE, COLIN, GB
[71] SWELLFIX B.V., NL
[85] 2016-07-11
[86] 2015-01-21 (PCT/EP2015/051143)
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[30] GB (1400975.7) 2014-01-21

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[51] **Int.Cl. G06F 17/30 (2006.01) H04L 29/08 (2006.01)**
[25] EN
[54] **INFRASTRUCTURE FOR SYNCHRONIZATION OF MOBILE DEVICE WITH MOBILE CLOUD SERVICE**
[54] **INFRASTRUCTURE POUR SYNCHRONISATION D'UN DISPOSITIF MOBILE AVEC UN SERVICE EN NUAGE POUR MOBILES**
[72] SAGAR, AKASH, US
[72] HAGEN, JEFF, US
[72] LIU, LUKE, US
[71] ORACLE INTERNATIONAL CORPORATION, US
[85] 2016-07-11
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[30] US (61/972,900) 2014-03-31
[30] US (14/314,729) 2014-06-25

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[13] A1
[51] **Int.Cl. A61K 31/343 (2006.01) A61P 25/00 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **ADMINISTRATION OF TASIMELTEON UNDER FASTED CONDITIONS**
[54] **ADMINISTRATION DE TASIMELTEON DANS DES CONDITIONS DE JEUNE**
[72] DRESSMAN, MARLENE MICHELLE, US
[72] POLYMEROPOULOS, MIHAEL H., US
[72] BAROLDI, PAOLO, US
[71] VANDA PHARMACEUTICALS INC., US
[85] 2016-07-11
[86] 2015-01-07 (PCT/US2015/010410)
[87] (WO2015/108728)
[30] US (61/927,465) 2014-01-14
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[13] A1
[51] **Int.Cl. F21V 29/74 (2015.01) F21V 15/01 (2006.01)**
[25] EN
[54] **FLOODLIGHTS WITH MULTI-PATH COOLING**
[54] **PROJECTEURS D'ILLUMINATION A REFROIDISSEMENT A TRAJETS MULTIPLES**
[72] SCARLATA, ANDREW FRANCIS, US
[72] DECARR, GRAIG EDMUND, US
[71] COOPER TECHNOLOGIES COMPANY, US
[85] 2016-07-11
[86] 2015-01-08 (PCT/US2015/010683)
[87] (WO2015/106018)
[30] US (14/152,598) 2014-01-10

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[13] A1
[51] **Int.Cl. C07D 205/04 (2006.01) A61K 31/397 (2006.01) A61K 31/40 (2006.01) A61K 31/4192 (2006.01) A61K 31/4196 (2006.01) A61P 1/16 (2006.01) A61P 25/00 (2006.01) C07D 249/04 (2006.01) C07D 249/08 (2006.01) C07D 257/04 (2006.01)**
[25] EN
[54] **NOVEL FUNCTIONALIZED 1,3-BENZENE DIOLS AND THEIR METHOD OF USE FOR THE TREATMENT OF HEPATIC ENCEPHALOPATHY**
[54] **NOUVEAUX 1,3-BENZENE DIOLS FONCTIONNALISES ET LEUR PROCEDE D'UTILISATION POUR LE TRAITEMENT DE L'ENCEPHALOPATHIE HEPATIQUE**
[72] BRENNEMAN, DOUGLAS E., US
[72] KINNEY, WILLIAM ALVIN, US
[72] MCDONNELL, MARK, US
[72] PETKANAS, DEAN, US
[71] KANNALIFE, INC., US
[85] 2016-07-11
[86] 2015-01-09 (PCT/US2015/010827)
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[30] US (61/926,869) 2014-01-13

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[51] **Int.Cl. B64D 13/00 (2006.01)**
[25] EN
[54] **REDUCED COGNITIVE FUNCTION DETECTION AND ALLEVIATION SYSTEM FOR A PILOT**
[54] **SYSTEME DE DETECTION ET DE SOULAGEMENT D'UNE FONCTION COGNITIVE REDUITE POUR UN PILOTE**
[72] PEAKE, STEVEN C., US
[71] CARLETON LIFE SUPPORT SYSTEMS, INC., US
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[86] 2015-01-12 (PCT/US2015/011027)
[87] (WO2015/106202)
[30] US (61/925,807) 2014-01-10

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[51] **Int.Cl. A01N 25/00 (2006.01)**
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[54] **METHOD FOR REPELLING RODENTS**
[54] **PROCEDE POUR REPOUSSER DES RONGEURS**
[72] BALLINGER, KENNETH E., JR., US
[72] WERNER, SCOTT JOHN, US
[71] ARKION LIFE SCIENCES, LLC, US
[85] 2016-07-11
[86] 2015-01-13 (PCT/US2015/011193)
[87] (WO2015/106266)
[30] US (61/926,546) 2014-01-13
[30] US (62/042,524) 2014-08-27
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[30] US (62/083,551) 2014-11-24
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[51] **Int.Cl. C08F 4/6592 (2006.01) C08F 210/16 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING ETHYLENE/.ALPHA.-OLEFIN COPOLYMER**
[54] **PROCEDE DE PRODUCTION D'UN COPOLYMERE ETHYLENE/ALPHA-OLEFINE**
[72] ENDO, KOJI, JP
[72] HIWARA, MAYUMI, JP
[72] MATSUURA, SADAHIKO, JP
[72] KOSUGI, YOKO, JP
[72] YAMAMURA, YUICHI, JP
[72] MIZOBUCHI, YUSUKE, JP
[71] MITSUI CHEMICALS, INC., JP
[85] 2016-07-11
[86] 2015-02-10 (PCT/JP2015/053696)
[87] (WO2015/122414)
[30] JP (2014-025158) 2014-02-13

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[13] A1
[51] **Int.Cl. D06M 13/10 (2006.01) D03D 15/12 (2006.01)**
[25] EN
[54] **A COMPOSITION, A METHOD FOR PREPARING SAID COMPOSITION, A METHOD FOR PREPARING A RIGIDIFIED FABRIC, THE RIGIDIFIED FABRIC SO OBTAINED, A FILTRATION DEVICE, METHODS FOR THE MANUFACTURE OF THE FILTRATION DEVICE, INSTALLATION, PROCESS AND USE OF SAID FILTRATION DEVICE FOR THE FILTRATION OF A LIQUID METAL OR AN ALLOY THEREOF**
[54] **COMPOSITION, SON PROCEDE DE PREPARATION, PROCEDE DE PREPARATION D'UN TISSU RIGIDIFIE, TISSU RIGIDIFIE AINSI OBTENU, DISPOSITIF DE FILTRATION, SES PROCEDES DE FABRICATION, INSTALLATION, TRAITEMENT ET UTILISATION DUDIT DISPOSITIF DE FILTRATION POUR LA FILTRATION D'UN METAL LIQUIDE OU D'UN ALLIAGE DE CELUI-CI**
[72] GOUIN, MARCEL, CA
[72] LACASSE, MAURICE, CA
[71] LES PRODUITS INDUSTRIELS DE HAUTE TEMPERATURE PYROTEK INC., CA
[85] 2016-07-15
[86] 2015-01-23 (PCT/CA2015/050047)
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[30] US (61/930,800) 2014-01-23

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[51] **Int.Cl. C09K 8/528 (2006.01)**
[25] EN
[54] **METHOD**
[54] **PROCEDE**
[72] GHORBANI, NASSER, NO
[72] TJOMSLAND, TORE, NO
[72] WILHELMS, ARND, NO
[71] STATOIL PETROLEUM AS, NO
[85] 2016-07-11
[86] 2014-01-16 (PCT/IB2014/058335)
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[51] **Int.Cl. A61K 9/127 (2006.01) A61K 47/48 (2006.01) C12N 15/88 (2006.01)**
[25] EN
[54] **HYBRIDOSOMES, COMPOSITIONS COMPRISING THE SAME, PROCESSES FOR THEIR PRODUCTION AND USES THEREOF**
[54] **HYBRIDOSOMES, COMPOSITIONS LES COMPRENANT, PROCEDES DE PRODUCTION, ET LEURS UTILISATIONS**
[72] DE BEER, JOEL, CH
[71] ANJARIUM BIOSCIENCES AG, CH
[85] 2016-07-11
[86] 2015-01-20 (PCT/IB2015/050436)
[87] (WO2015/110957)
[30] US (61/929,559) 2014-01-21

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[51] **Int.Cl. G01R 31/02 (2006.01)**
[25] EN
[54] **MOBILE ELECTRIC LEAKAGE DETECTION DEVICE AND METHOD**
[54] **DISPOSITIF MOBILE DE DETECTION DE FUITE ELECTRIQUE ET PROCEDE ASSOCIE**
[72] LEE, HYUN CHANG, KR
[71] LEE, HYUN CHANG, KR
[85] 2016-07-11
[86] 2014-11-19 (PCT/KR2014/011130)
[87] (WO2015/076555)
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[30] KR (10-2014-0125371) 2014-09-21
[30] KR (10-2014-0161154) 2014-11-18

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[51] **Int.Cl. G07F 17/32 (2006.01) G06Q 20/36 (2012.01) G06Q 20/40 (2012.01)**
[25] EN
[54] **METHOD OF AND SYSTEM FOR GAMING**
[54] **PROCEDE ET SYSTEME DE JEU**
[72] LECH, JANUSZ, AT
[71] NOVOMATIC AG, AT
[85] 2016-07-11
[86] 2015-01-30 (PCT/EP2015/051981)
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[30] EP (14153728.2) 2014-02-03

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[51] **Int.Cl. E06B 9/13 (2006.01) E06B 9/58 (2006.01)**
[25] EN
[54] **FAST ROLL-UP DOOR COMPRISING A CURTAIN HAVING RESILIENT EDGES**
[54] **PORTE A ENROULEMENT RAPIDE COMPRENANT UN RIDEAU PRESENTANT DES BORDS ELASTIQUES**
[72] LORENZANI, MAURO, IT
[72] VECCHI, ARMANDO, IT
[71] ASSA ABLOY ENTRANCE SYSTEMS AB, SE
[85] 2016-07-11
[86] 2015-02-10 (PCT/EP2015/052763)
[87] (WO2015/121255)
[30] SE (1450153-0) 2014-02-12

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[13] A1
[51] **Int.Cl. A61M 1/12 (2006.01)**
[25] EN
[54] **PERCUTANEOUS SYSTEM, DEVICES AND METHODS**
[54] **SYSTEME, DISPOSITIFS ET PROCEDES PERCUTANES**
[72] TUSETH, VEGARD, NO
[71] NUHEART AS, NO
[85] 2016-07-11
[86] 2015-03-17 (PCT/EP2015/055578)
[87] (WO2015/140179)
[30] NO (20140353) 2014-03-17
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[51] **Int.Cl. C22B 3/26 (2006.01) C22B 3/00 (2006.01) C22B 15/00 (2006.01)**
[25] EN
[54] **METHOD FOR RECOVERY OF COPPER AND ZINC**
[54] **PROCEDE DE RECUPERATION DU CUIVRE ET DU ZINC**
[72] PAATERO, ERKKI, FI
[72] HIETALA, KARI, FI
[72] HAAPALAINEN, MIKA, FI
[71] OUTOTEC (FINLAND) OY, FI
[85] 2016-07-11
[86] 2015-01-21 (PCT/FI2015/050031)
[87] (WO2015/110702)
[30] FI (20145060) 2014-01-22

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[51] **Int.Cl. B29C 45/40 (2006.01) B29C 45/06 (2006.01) B29B 11/08 (2006.01)**
[25] FR
[54] **PREFORM MOULDING UNIT EQUIPPED WITH A ROTATABLE CORE HOLDER**
[54] **UNITE DE MOULAGE DE PREFORMES EQUIPEE D'UN PORTE-NOYAUX MOBILE EN ROTATION**
[72] DUCLOS, YVES-ALBAN, FR
[72] HELIX, GILLES, FR
[72] NORTURE, MICHEL, FR
[71] SIDEL PARTICIPATIONS, FR
[85] 2016-07-11
[86] 2015-01-19 (PCT/FR2015/050124)
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[51] **Int.Cl. C08G 63/08 (2006.01) C08L 67/04 (2006.01)**
[25] EN
[54] **THERMOFORMED ARTICLE COMPRISING POLYLACTIC ACID WITH D-LACTIDE AND PROCESS OF MAKING THE SAME**
[54] **ARTICLE THERMOFORME COMPRENANT DE L'ACIDE POLYLACTIQUE AVEC DU D-LACTIDE ET PROCEDE DE FABRICATION DE CET ARTICLE**
[72] CHIVRAC, FREDERIC, FR
[71] SA DES EAUX MINERALES D'EVIAN SAEME, FR
[85] 2016-07-11
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[51] **Int.Cl. F16H 55/36 (2006.01) F16D 3/12 (2006.01) F16D 7/02 (2006.01) F16D 41/20 (2006.01)**
[25] EN
[54] **ISOLATING DECOUPLER**
[54] **DECOUPLEUR ISOLANT**
[72] SERKH, ALEXANDER, US
[72] DEADY, ROBERT, US
[72] SCHNEIDER, DEAN, US
[71] GATES CORPORATION, US
[85] 2016-07-11
[86] 2015-01-14 (PCT/US2015/011439)
[87] (WO2015/112403)
[30] US (14/162,564) 2014-01-23

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[13] A1
[51] **Int.Cl. B29C 45/44 (2006.01) B29C 33/48 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR MAKING MOLDED OBJECTS, AND MOLDED OBJECTS MADE THEREFROM**
[54] **PROCEDES ET APPAREIL POUR LA FABRICATION D'OBJETS MOULES, ET OBJETS MOULES FABRIQUES PAR LE PROCEDE ET L'APPAREIL**
[72] LEMKE, PAUL, US
[72] MARIN, JUAN CARLOS, ES
[71] POLYCASE AMMUNITION, LLC, US
[85] 2016-07-11
[86] 2015-01-14 (PCT/US2015/011483)
[87] (WO2015/109033)
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[51] **Int.Cl. A61K 39/395 (2006.01) A61K 47/48 (2006.01) A61K 49/00 (2006.01) A61P 31/12 (2006.01) A61P 35/00 (2006.01) A61P 37/02 (2006.01) A61P 37/04 (2006.01) C07K 16/24 (2006.01) C07K 16/28 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **IMMUNOMODULATORY AGENTS**
[54] **AGENTS IMMUNOMODULATEURS**
[72] WAKSAL, SAMUEL D., US
[72] ZHU, ZHENPING, US
[72] WU, YAN, US
[72] MARTOMO, STELLA A., US
[72] ZHONG, ZHAOJING, US
[72] LU, DAN, US
[71] KADMON CORPORATION, LLC, US
[85] 2016-07-11
[86] 2015-01-15 (PCT/US2015/011657)
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[30] US (61/927,907) 2014-01-15

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[51] **Int.Cl. F04D 13/08 (2006.01) E21B 43/12 (2006.01) F04D 13/10 (2006.01)**
[25] EN
[54] **WIRELESS SENSOR SYSTEM FOR ELECTRIC SUBMERSIBLE PUMP**
[54] **SYSTEME DE CAPTEUR SANS FIL POUR POMPE SUBMERSIBLE ELECTRIQUE**
[72] FASTOVETS, ANDREY, RU
[72] JACK ABBOTT, WILLIAM JOHN, CA
[72] FONNELAND, JOSTEIN ENGESETH, NO
[72] OLLRE, ALBERT G., US
[72] CARDENAS, ALEJANDRO CAMACHO, SG
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2016-07-11
[86] 2015-01-16 (PCT/US2015/011743)
[87] (WO2015/116405)
[30] US (14/167,996) 2014-01-29

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[13] A1
[51] **Int.Cl. A61K 31/25 (2006.01) A61P 13/00 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **THE USE OF A BENZOATE CONTAINING COMPOSITION IN UREA CYCLE DISORDERS AND NEURODEGENERATIVE DISORDERS**
[54] **UTILISATION D'UNE COMPOSITION CONTENANT DU BENZOATE POUR DES TROUBLES DU CYCLE DE L'UREE ET DES TROUBLES NEUROGIQUES**
[72] PAHAN, KALIPADA, US
[71] PAHAN, KALIPADA, US
[85] 2016-07-11
[86] 2015-01-16 (PCT/US2015/011798)
[87] (WO2015/109215)
[30] US (61/928,622) 2014-01-17

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[51] **Int.Cl. C22C 38/46 (2006.01) C22C 38/48 (2006.01) C22C 38/50 (2006.01) C22C 38/52 (2006.01) C22C 38/54 (2006.01) C22C 38/60 (2006.01)**
[25] EN
[54] **STAINLESS STEEL AND A CUTTING TOOL BODY MADE OF THE STAINLESS STEEL**
[54] **ACIER INOXYDABLE ET CORPS D'OUTIL DE COUPE CONSTITUE DE CET ACIER INOXYDABLE**
[72] GUNNARSSON, STAFFAN, SE
[72] TIDESTEN, MAGNUS, SE
[71] UDDEHOLMS AB, SE
[85] 2016-07-11
[86] 2014-12-30 (PCT/SE2014/051578)
[87] (WO2015/108466)
[30] SE (1450040-9) 2014-01-16
[30] EP (14151408.3) 2014-01-16

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[13] A1
[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/517 (2006.01) A61P 29/00 (2006.01) C07D 231/54 (2006.01) C07D 239/72 (2006.01) C07D 403/04 (2006.01)**
[25] EN
[54] **ARYL AND ARYLALKYL SUBSTITUTED PYRAZOLYL AND PYRIMIDINYL TRICYCLIC ENONES AS ANTIOXIDANT INFLAMMATION MODULATORS**
[54] **PYRAZOLYLE SUBSTITUE PAR UN ARYLE ET ARYLALKYLE ET PYRIMIDINYL ENONES TRICYCLIQUES COMME MODULATEURS ANTIOXYDANTS DE L'INFLAMMATION**
[72] ANDERSON, ERIC, US
[72] JIANG, XIN, US
[72] BENDER, CHRISTOPHER, US
[72] BOLTON, GARY, US
[72] CAPRATHE, BRADLEY WILLIAM, US
[72] LEE, CHITASE, US
[72] ROARK, WILLIAM, US
[72] DONNER, PAMELA, US
[72] WAGNER, ROLF, US
[72] SHANLEY, JASON, US
[72] HEYMAN, HOWARD, US
[72] KRUEGER, ALLAN, US
[72] CHEN, HUI-JU, US
[72] ROZEMA, MICHAEL, US
[72] GRAMPOVNIK, DAVID, US
[72] VISNICK, MELEAN, US
[71] ABBVIE INC., US
[85] 2016-07-11
[86] 2015-01-23 (PCT/US2015/012579)
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[13] A1
[51] **Int.Cl. A61K 31/497 (2006.01) A61P 35/04 (2006.01)**
[25] EN
[54] **SUBSTITUTED PYRROLOPYRIDINES AND PYRROLOPYRAZINES FOR TREATING CANCER OR INFLAMMATORY DISEASES**
[54] **PYRROLOPYRIDINES ET PYRROLOPYRAZINES SUBSTITUEES POUR TRAITER LE CANCER OU LES MALADIES INFLAMMATOIRES**
[72] JACOBSEN, ERIC JON, US
[72] BLINN, JAMES ROBERT, US
[72] SPRINGER, JOHN ROBERT, US
[72] HOCKERMAN, SUSAN L., US
[71] CONFLUENCE LIFE SCIENCES, INC., US
[85] 2016-07-11
[86] 2015-01-23 (PCT/US2015/012673)
[87] (WO2015/112854)
[30] US (61/931,491) 2014-01-24
[30] US (62/007,481) 2014-06-04

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[13] A1
[51] **Int.Cl. B65G 43/08 (2006.01) B65G 47/30 (2006.01)**
[25] EN
[54] **INDUCTION CONVEYOR**
[54] **TRANSPORTEUR D'INDUCTION**
[72] WARGO, STEPHEN G., US
[71] LAITRAM, L.L.C., US
[85] 2016-07-11
[86] 2015-01-26 (PCT/US2015/012823)
[87] (WO2015/112936)
[30] US (61/931,961) 2014-01-27

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[13] A1
[51] **Int.Cl. B65G 15/00 (2006.01)**
[25] EN
[54] **BELT-ON-BELT CONVEYOR**
[54] **TRANSPORTEUR BANDE SUR BANDE**
[72] BREWKA, CHRISTOF, US
[72] LURIE, MARTIN S., US
[72] KASPER, R. STEVEN, US
[71] THYSSENKRUPP INDUSTRIAL SOLUTIONS (USA), INC., US
[85] 2016-07-11
[86] 2015-01-14 (PCT/US2015/011450)
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[13] A1
[51] **Int.Cl. G06F 9/455 (2006.01) E21B 44/00 (2006.01) G06G 7/48 (2006.01)**
[25] EN
[54] **HORIZONTAL WELL DESIGN FOR FIELD WITH NATURALLY FRACTURED RESERVOIR**
[54] **CONCEPTION DE PUITS HORIZONTAL POUR UN CHAMP PETROLIFERE A RESERVOIR NATURELLEMENT FRACTURE**
[72] PABON, LUIS ALFREDO, MX
[72] REVILLA, DANIEL ALBERTO, MX
[72] SANCHEZ, LIBERTAD, MX
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-07-12
[86] 2015-03-12 (PCT/US2015/020176)
[87] (WO2015/138724)
[30] US (61/951,623) 2014-03-12

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/506 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY FOR CANCER**
[54] **POLYTHERAPIE CONTRE LE CANCER**
[72] CHAN, EDWARD MICHAEL, US
[71] ELI LILLY AND COMPANY, US
[85] 2016-07-12
[86] 2015-02-19 (PCT/US2015/016529)
[87] (WO2015/130540)
[30] US (61/944,811) 2014-02-26

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[13] A1
[51] **Int.Cl. C07D 403/04 (2006.01) A61K 31/517 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01) C07D 471/04 (2006.01) C07D 491/048 (2006.01) C07D 491/052 (2006.01)**
[25] EN
[54] **FUSED PYRIMIDINES AS INHIBITORS OF P97 COMPLEX**
[54] **PYRIMIDINES FUSIONNEES COMME INHIBITEURS DU COMPLEXE P97**
[72] WUSTROW, DAVID, US
[72] ZHOU, HAN-JIE, US
[71] CLEAVE BIOSCIENCES, INC., US
[85] 2016-07-11
[86] 2015-01-19 (PCT/US2015/011921)
[87] (WO2015/109285)
[30] US (61/929,382) 2014-01-20

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[13] A1
[51] **Int.Cl. E21B 23/01 (2006.01)**
[25] EN
[54] **HYDRAULIC ANCHOR FOR DOWNHOLE PACKER**
[54] **ANCRAGE HYDRAULIQUE POUR GARNITURE DE FOND**
[72] DEWARS, COLIN, US
[72] SCOTT, PHILIP, US
[72] SCOTT, STEVEN, US
[71] TAM INTERNATIONAL, INC., US
[85] 2016-07-11
[86] 2014-06-21 (PCT/US2014/043534)
[87] (WO2014/205424)
[30] US (61/837,876) 2013-06-21
[30] US (61/926,571) 2014-01-13

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[51] **Int.Cl. G02B 26/06 (2006.01) G02B 27/00 (2006.01)**
[25] FR
[54] **DEVICE FOR PROCESSING LIGHT/OPTICAL RADIATION, METHOD AND SYSTEM FOR DESIGNING SUCH A DEVICE**
[54] **DISPOSITIF DE TRAITEMENT D'UN RAYONNEMENT LUMINEUX/OPTIQUE, PROCEDE ET SYSTEME DE CONCEPTION D'UN TEL DISPOSITIF**
[72] MORIZUR, JEAN-FRANCOIS, FR
[72] LABROILLE, GUILLAUME, FR
[72] TREPS, NICOLAS, FR
[71] CAILABS, FR
[85] 2016-07-12
[86] 2015-01-15 (PCT/EP2015/050711)
[87] (WO2015/113831)
[30] FR (1450715) 2014-01-30

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[13] A1
[51] **Int.Cl. A61K 38/28 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **RAPID ACTION INSULIN FORMULATIONS AND PHARMACEUTICAL DELIVERY SYSTEMS**
[54] **FORMULATIONS D'INSULINE A ACTION RAPIDE ET SYSTEMES D'ADMINISTRATION PHARMACEUTIQUE**
[72] JOSEPH, JEFFREY I., US
[72] BERENSON, RICHARD WILLIAM, US
[72] FRANK, BRUCE, US
[72] WEISS, MICHAEL A., US
[72] HATTIER, THOMAS, US
[72] DUBE, GREGORY, US
[72] CHEN, ZHIQIANG, US
[71] THERMALIN DIABETES, LLC, US
[85] 2016-07-11
[86] 2015-01-13 (PCT/US2015/011202)
[87] (WO2015/106269)
[30] US (61/926,946) 2014-01-13
[30] US (61/926,944) 2014-01-13

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ANTI-JAGGED1 ANTIBODIES AND METHODS OF USE**
[54] **ANTICORPS ANTI-JAGGED1 ET PROCEDES D'UTILISATION CORRESPONDANTS**
[72] CHINN, YVONNE, US
[72] HANG, JULIE Q., US
[72] SIEBEL, CHRISTIAN W., US
[72] WU, YAN, US
[71] GENENTECH, INC., US
[85] 2016-07-12
[86] 2015-02-11 (PCT/US2015/015456)
[87] (WO2015/123325)
[30] US (61/939,110) 2014-02-12

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[13] A1
[51] **Int.Cl. A61B 5/08 (2006.01) A61B 5/145 (2006.01) A61B 5/1455 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR DETERMINING EFFECTIVENESS OF RESPIRATION IN INDIVIDUALS**
[54] **PROCEDES ET SYSTEMES PERMETTANT DE DETERMINER UNE RESPIRATION EFFICACE CHEZ DES INDIVIDUS**
[72] MELKER, RICHARD, US
[72] COHEN, SEAN, US
[72] TAN, HUWEI, US
[71] XHALE, INC., US
[85] 2016-07-11
[86] 2015-01-13 (PCT/US2015/011235)
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[30] US (61/926,434) 2014-01-13
[30] US (14/512,425) 2014-10-11

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[54] **ADDITIF POUR DES COMPOSITIONS A PRISE HYDRAULIQUE**
[72] GADT, TORBEN, DE
[72] GRASSL, HARALD, DE
[72] NICOLEAU, LUC, DE
[72] DENGLER, JOACHIM, DE
[72] WINKLBAUER, MARTIN, DE
[71] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE
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[54] **BOUQUET OF CUT FLOWERS**
[54] **BOUQUET DE FLEURS COUPEES**
[72] CHRISTENSEN, ELLEN MARGRETHE SKOVSGAARD, DK
[72] NIELSEN, KAI LONNE, DK
[71] KNUD JEPSEN A/S, DK
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[25] EN
[54] **INJECTION NEEDLE COVERING SYSTEM**
[54] **SYSTEME DE RECOUVREMENT D'AIGUILLE D'INJECTION**
[72] FOURT, JESSE ARNOLD, US
[72] KOEHLER, JEREMY CHRISTOPHER, US
[71] ELI LILLY AND COMPANY, US
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[25] EN
[54] **CONFIGURING AN ELECTRONIC LEVEL GAUGE INCLUDING POSITION FOR AN APPLICATION**
[54] **CONFIGURATION D'UN INDICATEUR DE NIVEAU ELECTRONIQUE COMPRENANT LA POSITION POUR UNE APPLICATION**
[72] KROLAK, ADAM, US
[72] HEATH, STUART JAMES, US
[71] HONEYWELL INTERNATIONAL INC., US
[85] 2016-07-11
[86] 2015-01-14 (PCT/US2015/011306)
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[54] **SECURITE DE DONNEES A BASE DE COMPARTIMENT**
[72] RUNDLE, ROBERT, US
[72] BAX, NICOLAAS PLEUN, US
[72] PARTIPILO, MICHELANGELO, US
[71] BAKER HUGHES INCORPORATED, US
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[54] **END-TO-END DATA PROVENANCE**
[54] **PROVENANCE DE DONNEES DE BOUT EN BOUT**
[72] RUNDLE, ROBERT, US
[72] BAX, NICOLAAS PLEUN, US
[71] BAKER HUGHES INCORPORATED, US
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[54] **A SYSTEM, APPARATUS AND METHOD FOR MEASURING BODY CHARACTERISTICS**
[54] **SYSTEME, APPAREIL ET PROCEDE DE MESURE DE CARACTERISTIQUES DE CORPS**
[72] WOOLFSON, DAVID, IE
[72] BAIN, DUNCAN, GB
[71] CHAPELGLADE LIMITED, IE
[85] 2016-07-12
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[54] **ORGANIZATION OF METADATA FOR DATA OBJECTS**
[54] **ORGANISATION DE METADONNEES POUR DES OBJETS DE DONNEES**
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[72] BAX, NICOLAAS PLEUN, US
[71] BAKER HUGHES INCORPORATED, US
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[54] **LOOSE COUPLING OF METADATA AND ACTUAL DATA**
[54] **COUPLAGE SOUPLE DE METADONNEES ET DE DONNEES REELLES**
[72] RUNDLE, ROBERT, US
[72] BAX, NICOLAAS PLEUN, US
[71] BAKER HUGHES INCORPORATED, US
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[54] **METHODS FOR CONTROL OF AQUATIC WEEDS USING HERBICIDAL 4-AMINO-3-CHLORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL)PYRIDINE-2-CARBOXYLIC ACIDS**
[54] **PROCEDES DE LUTTE CONTRE LES MAUVAISES HERBES AQUATIQUES A L'AIDE D'ACIDES 4-AMINO-3-CHLORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL)PYRIDINE-2-CARBOXYLIQUES HERBICIDES**
[72] MANN, RICHARD K., US
[71] DOW AGROSCIENCES LLC, US
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[25] EN
[54] **HANDLING FDD AND TDD TIMING OFFSET IN FDD AND TDD CA IN LTE**
[54] **GESTION DE DECALAGE TEMPOREL FDD ET TDD EN AGREGATION DE PORTEUSES FDD ET TDD EN LTE**
[72] CHEN, WANSHI, US
[72] GAAL, PETER, US
[72] DAMNJANOVIC, JELENA, US
[71] QUALCOMM INCORPORATED, US
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[54] **SEMELLE A DOUBLE AMORTISSEMENT**
[72] IZQUIETA ANAUT, JOSE MARIA, ES
[71] DESARROLLO INTEGRAL DEL MOLDE, S.L., ES
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[54] **CARTON WITH ARTICLE PROTECTION FEATURES**
[54] **CARTON COMPRENANT DES ELEMENTS DE PROTECTION D'ARTICLES**
[72] HOLLEY, JOHN MURDICK, JR., US
[72] FORD, COLIN P., US
[71] GRAPHIC PACKAGING INTERNATIONAL, INC., US
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[54] **METHOD AND SYSTEM FOR THE VISUAL REPRESENTATION OF THE KINEMATICS OF A PATIENT'S JOINT AND ASSOCIATED PARAMETERS**
[54] **PROCEDE ET SYSTEME PERMETTANT LA REPRESENTATION VISUELLE DE LA CINEMATIQUE D'UNE ARTICULATION D'UN PATIENT, ET PARAMETRES ASSOCIES**
[72] LAVOIE, FREDERIC, CA
[71] EIFFEL MEDTECH INC., CA
[85] 2016-07-12
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[54] **MARINE EXHAUST GAS CLEANING SYSTEM**
[54] **SYSTEME DE NETTOYAGE DE GAZ D'ECHAPPEMENT MARINS**
[72] JENKINS, GARTH E., CA
[72] SAMPSON, KILEY G., CA
[72] DUMONT, DAVID S., US
[72] MOUSAVI, SEYED MILAD, CA
[71] MARINE EXHAUST SOLUTIONS INC., CA
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[25] EN
[54] **METHOD AND APPARATUS FOR GENERATING A PLURALITY OF INDEXED DATA FIELDS**
[54] **PROCEDE ET APPAREIL POUR GENERER UNE PLURALITE DE CHAMPS DE DONNEES INDEXES**
[72] ZAK, EMIL, DE
[72] LIANG, BIAO, DE
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **CABLE ELECTRIQUE HAUTE TENSION**
[72] PEREGO, GABRIELE, IT
[72] CANDELA, ROBERTO, IT
[72] PARRIS, DONALD, IT
[71] PRYSMIAN S.P.A., IT
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[51] **Int.Cl. C08J 3/00 (2006.01) B27N 3/00 (2006.01) B27N 3/18 (2006.01) B27N 3/02 (2006.01) B27N 3/24 (2006.01)**
[25] EN
[54] **METHOD FOR THE PRODUCTION OF LIGNOCELLULOSE MATERIALS**
[54] **PROCEDE SERVANT A FABRIQUER DES MATERIAUX A BASE DE LIGNOCELLULOSE**
[72] WEINKOTZ, STEPHAN, DE
[71] BASF SE, DE
[85] 2016-07-12
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[25] EN
[54] **MULTI-SPECIFIC POLYPEPTIDE USEFUL FOR LOCALIZED TUMOR IMMUNOMODULATION**
[54] **POLYPEPTIDE MULTI-SPECIFIQUE UTILISE POUR L'IMMUNOMODULATION TUMORALE LOCALISEE**
[72] OLWILL, SHANE, DE
[72] WIEDENMANN, ALEXANDER, DE
[72] ALLERSDORFER, ANDREA, DE
[72] BEL AIBA, RACHIDA, DE
[72] MATSCHINER, GABRIELE, DE
[72] LUNDE, BRADLEY, DE
[71] PIERIS PHARMACEUTICALS GMBH, DE
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[86] 2015-01-12 (PCT/EP2015/050378)
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[51] **Int.Cl. B64C 1/14 (2006.01)**
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[54] **DEVICE FOR OPENING AN AIRCRAFT DOOR**
[54] **DISPOSITIF D'OUVERTURE D'UNE PORTE D'AVION**
[72] KAMMERER, BERNHARD, AT
[72] SCHORKHUBER, JAKOB, AT
[72] BURGHOZER, THOMAS, AT
[71] FACC AG, AT
[85] 2016-07-12
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[30] AT (A 50035/2014) 2014-01-21

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[51] **Int.Cl. C12N 5/074 (2010.01)**
[25] EN
[54] **METHOD FOR PRODUCING INDUCED PLURIPOTENT CELLS**
[54] **PROCEDE DE PREPARATION DE CELLULES PLURIPOTENTES INDUITES**
[72] LAVIAL, FABRICE, FR
[72] MEHLEN, PATRICK, FR
[72] BERNET, AGNES, FR
[71] CENTRE LEON BERARD, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[71] UNIVERSITE CLAUDE BERNARD LYON 1, FR
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[54] **MULTIPLE CYCLOADDITION REACTIONS FOR LABELING OF MOLECULES**
[54] **REACTIONS DE CYCLOADDITION MULTIPLE POUR LE MARQUAGE DE MOLECULES**
[72] LEMKE, EDWARD, DE
[72] SCHULTZ, CARSTEN, DE
[72] PLASS, TILLMANN, DE
[72] NIKIC, IVANA, DE
[72] HOFFMAN, JAN-ERIK, DE
[72] VALLE ARAMBURU, IKER, DE
[71] EUROPEAN MOLECULAR BIOLOGY LABORATORY, DE
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[54] **PROCESS FOR ACIDIZING**
[54] **PROCEDE D'ACIDIFICATION**
[72] HARRIS, RALPH EDMUND, GB
[72] HOLDSWORTH, DUNCAN, GB
[71] CLEANSORB LIMITED, GB
[85] 2016-07-12
[86] 2015-01-12 (PCT/GB2015/050047)
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[25] EN
[54] **AGROCHEMICAL COMPOSITION COMPRISING A N, N'-DISUBSTITUTED (THIO) UREA FOR THE IMPROVEMENT OF CROP PRODUCTIVITY**
[54] **COMPOSITION AGROCHIMIQUE A BASE DE (THIO)UREE ?,?'-DISUBSTITUEE POUR AMELIORER LA PRODUCTIVITE DE CULTURES**
[72] PAPADOPOULOS, APOSTOLOS, GB
[71] CROP INTELLECT LTD., GB
[85] 2016-07-12
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[51] **Int.Cl. G01R 33/563 (2006.01) A61B 5/055 (2006.01) G01N 24/00 (2006.01)**
[25] EN
[54] **METHOD FOR QUANTIFYING ISOTROPIC DIFFUSION AND/OR ANISOTROPIC DIFFUSION IN A SAMPLE**
[54] **PROCEDE DE QUANTIFICATION DE DIFFUSION ISOTROPE ET/OU DE DIFFUSION ANISOTROPE DANS UN ECHANTILLON**
[72] TOPGAARD, DANIEL, SE
[72] LASIC, SAMO, SE
[72] NILSSON, MARKUS, SE
[71] CR DEVELOPMENT AB, SE
[85] 2016-07-12
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[51] **Int.Cl. G06F 19/00 (2011.01)**
[25] EN
[54] **PRODUCTION ENGINEERING NETWORKS**
[54] **RESEAUX TECHNIQUES DE PRODUCTION**
[72] GERMAIN, OLIVIER R., US
[72] LOCHMANN, MARK, US
[71] LANDMARK GRAPHICS CORPORATION, US
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[51] **Int.Cl. F16L 9/18 (2006.01)**
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[54] **INSULATED DUCTS AND INSULATED DUCTWORKS**
[54] **CONDUITS ISOLES ET RESEAUX DE GAINES ISOLES**
[72] FANELLI, CARL, US
[71] GREEN HVAC DUCTS USA, LLC, US
[85] 2016-07-12
[86] 2014-07-24 (PCT/US2014/048073)
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[54] **PROCESS FOR RECOVERING NATURAL GAS LIQUIDS FROM NATURAL GAS PRODUCED IN REMOTE LOCATIONS**
[54] **PROCEDE POUR RECUPERER DES LIQUIDES DE GAZ NATUREL A PARTIR DE GAZ NATUREL PRODUIT DANS DES ENDROITS DISTANTS**
[72] MATTEUCCI, SCOTT T., US
[72] BADHWAR, AJAY N., US
[72] SHURGOTT, NICHOLAS J., US
[72] GOLTZ, H. ROBERT, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2016-07-12
[86] 2014-08-05 (PCT/US2014/049781)
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[51] **Int.Cl. G06F 19/00 (2011.01) G06Q 50/22 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DYNAMIC TRANSACTIONAL DATA STREAMING**
[54] **SYSTEME ET PROCEDE DE LECTURE EN FLUX CONTINU DYNAMIQUE DE DONNEES TRANSACTIONNELLES**
[72] CORBIN, BRIAN SCOTT, US
[72] WHITMIRE, THOMAS DIXON, IV, US
[72] TANNER, THEODORE CALHOUN, JR., US
[71] POKITDOK, INC., US
[85] 2016-07-12
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[25] EN
[54] **STABILIZED COMPOSITIONS CONTAINING ALKALINE LABILE DRUGS**
[54] **COMPOSITIONS STABILISEES CONTENANT DES MEDICAMENTS LABILES ALCALINS**
[72] CROWLEY, MICHAEL M., US
[72] KEEN, JUSTIN M., US
[72] KOLENG, JOHN J., US
[72] ZHANG, FENG, US
[71] AUXILIUM INTERNATIONAL HOLDINGS, INC., US
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[51] **Int.Cl. A42B 3/28 (2006.01) A61B 90/00 (2016.01) A41D 13/11 (2006.01) A41D 13/12 (2006.01) A62B 18/04 (2006.01) A61L 2/00 (2006.01) A61L 9/00 (2006.01)**
[25] EN
[54] **MEDICAL/SURGICAL PERSONAL PROTECTION SYSTEM PROVIDING VENTILATION, ILLUMINATION AND COMMUNICATION**
[54] **SYSTEME DE PROTECTION PERSONNELLE MEDICALE/CHIRURGICALE OFFRANT LA VENTILATION, L'ILLUMINATION ET LA COMMUNICATION**
[72] VANDERWOUDE, BRIAN, US
[72] PROULX, MARSHALL, US
[72] SCLAFANI, ADAM C., US
[72] FOOR, JACOB C., US
[72] CAMPBELL, DOUGLAS, US
[72] TYLER, DOUGLAS L., US
[72] STRATTON, DENIS A., US
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[71] STRYKER CORPORATION, US
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[51] **Int.Cl. B01D 21/18 (2006.01) C02F 1/40 (2006.01) E02B 5/08 (2006.01)**
[25] EN
[54] **THIN PLATE APPARATUS FOR REMOVING DEBRIS FROM WATER**
[54] **APPAREIL A PLAQUE MINCE SERVANT A ELIMINER DES DEBRIS DE L'EAU**
[72] DUPERON, TERRY L., US
[72] WOODLEY, MICHAEL, US
[71] DUPERON INNOVATION, LLC, US
[22] 2010-09-02
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[62] 2,771,756
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[51] **Int.Cl. A61F 2/90 (2013.01)**
[25] EN
[54] **METHODS FOR SECURING STRAND ENDS AND THE RESULTING DEVICES**
[54] **PROCEDES DE FIXATION D'EXTREMITES DE BRINS ET DISPOSITIFS RESULTANTS**
[72] SHELDON, JEFFERY, US
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[72] BUECHE, KEN, US
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[54] **REMOVAL OF NON-VOLATILES FROM AMMONIA-BASED C02-ABSORBENT SOLUTION**
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[54] **FORMULATIONS, AND METHODS FOR THEIR USE IN TREATMENT OF NEUROPATHOLOGY AND NEURODEGENERATION AS A RESULT OF TRAUMATIC INJURY**
[54] **FORMULATIONS ET PROCEDES POUR LEUR UTILISATION DANS LE TRAITEMENT D'UNE NEUROPATHOLOGIE ET D'UNE NEURODEGENERATION EN RAISON D'UNE LESION TRAUMATIQUE**
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[71] SAPNA LIFE SCIENCES, INC., CA
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[54] **IMAGE ENCODING APPARATUS**
[54] **APPAREIL DE CODAGE D'IMAGE**
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[72] YANG, MOONOCK, SG
[71] M&K HOLDINGS INC., KR
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[54] **MOVING IMAGE PREDICTION ENCODING DEVICE, MOVING IMAGE PREDICTION ENCODING METHOD, MOVING IMAGE PREDICTION ENCODING PROGRAM, MOVING IMAGE PREDICTION DECODING DEVICE, MOVING IMAGE PREDICTION DECODING METHOD, AND MOVING IMAGE PREDICTION DECODING PROGRAM**
[54] **DISPOSITIF DE CODAGE PREDICTIF D'IMAGE ANIMEE, PROCEDE DE CODAGE PREDICTIF D'IMAGE ANIMEE, PROGRAMME DE CODAGE PREDICTIF D'IMAGE ANIMEE, DISPOSITIF DE DECODAGE PREDICTIF D'IMAGE ANIMEE, PROCEDE DE DECODAGE PREDICTIF D'IMAGE ANIMEE ET PROGRAMME DE DECODAGE PREDICTIF D'IMAGE ANIMEE**
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[72] SUZUKI, YOSHINORI, JP
[72] FUJIBAYASHI, AKIRA, JP
[72] TAN, THIOW KENG, JP
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[54] **IMAGE ENCODING APPARATUS**
[54] **APPAREIL DE CODAGE D'IMAGE**
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[25] EN
[54] **IMAGE ENCODING APPARATUS**
[54] **APPAREIL DE CODAGE D'IMAGE**
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[72] YANG, MOONOCK, SG
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[54] **VIDEO DECODER, VIDEO ENCODER, VIDEO DECODING METHOD, AND VIDEO ENCODING METHOD**
[54] **DECODEUR VIDEO, ENCODEUR VIDEO, PROCEDE DE DECODAGE VIDEO ET PROCEDE D'ENCODAGE VIDEO**
[72] SHIMADA, SATOSHI, JP
[72] KAZUI, KIMIHIKO, JP
[72] KOYAMA, JUNPEI, JP
[72] NAKAGAWA, AKIRA, JP
[71] FUJITSU LIMITED, JP
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[54] **VIDEO DECODER, VIDEO ENCODER, VIDEO DECODING METHOD, AND VIDEO ENCODING METHOD**
[54] **DECODEUR VIDEO, ENCODEUR VIDEO, PROCEDE DE DECODAGE VIDEO ET PROCEDE D'ENCODAGE VIDEO**
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[54] **AGRAFEUSE CHIRURGICALE MOTORISEE**
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[54] **SYSTEM AND METHOD FOR DIVERTING ESTABLISHED COMMUNICATION SESSIONS ON THE BASIS OF CONTENT**
[54] **SYSTEME ET METHODE PERMETTANT DE DETOURNER EN FONCTION DU CONTENU DES SESSIONS DE COMMUNICATIONS ETABLIES**
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[72] NEWMAN, CHRISTIAN, US
[71] DERRICK CORPORATION, US
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[54] **METHODES ET SYSTEMES TRANSDERMIQUES D'ADMINISTRATION DE COMPOSES ANTI-MIGRAINE**
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[72] MORRIS, RUSSELL L., US
[72] SEBREE, TERRI B., US
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[54] **INHIBITEURS DE BETA-LACTAMASE A LARGE SPECTRE**
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[72] YU, SOPHIA, US
[71] GLADIUS PHARMACEUTICALS CORPORATION, CA
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[72] CRONENBERG, RICHARD A., US
[72] VEDRINE, LIONEL, US
[72] ALCHAS, PAUL, US
[71] BECTON, DICKINSON AND COMPANY, US
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[54] **COMPOSITION METALLIQUE COORDONNEE**
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[71] SYNTHONICS, INC., US
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[54] **ANALYZING AN OILFIELD NETWORK FOR OILFIELD PRODUCTION**
[54] **ANALYSE D'UN RESEAU DE GISEMENTS DE PETROLE POUR L'EXPLOITATION D'UN GISEMENT DE PETROLE**
[72] WATTERS, COLIN, GB
[72] FERRAMOSCA, ADRIAN, GB
[72] BENNETT, JAMES, GB
[72] LUCAS-CLEMENTS, DANIEL, GB
[71] SCHLUMBERGER CANADA LIMITED, CA
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[54] **METHOD OF AUTHENTICATING A POLYMER FILM**
[54] **PROCEDE D'AUTHENTIFICATION D'UN FILM POLYMERE**
[72] STEWART, ROBERT LAIRD, GB
[71] INNOVIA FILMS LIMITED, CH
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[25] EN
[54] **COMBINATION OF AN OXIDANT AND A PHOTOACTIVATOR FOR THE HEALING OF WOUNDS**
[54] **COMBINAISON D'UN OXYDANT ET D'UN PHOTOACTIVATEUR DESTINEE A LA CICATRISATION**
[72] PIERGALLINI, REMIGIO, IT
[72] LOUPIS, NIKOLAOS, GR
[72] BELLINI, FRANCESCO, CA
[71] KLOX TECHNOLOGIES INC., CA
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[54] **ACCELERATED VERIFICATION OF DIGITAL SIGNATURES AND PUBLIC KEYS**
[54] **VERIFICATION ACCELEREE DE SIGNATURES NUMERIQUES ET DE CLES PUBLIQUES**
[72] STRUIK, MARINUS, CA
[72] BROWN, DANIEL RICHARD L., CA
[72] VANSTONE, SCOTT ALEXANDER, CA
[72] GALLANT, ROBERT PHILIP, CA
[72] ANTIPA, ADRIAN, CA
[72] LAMBERT, ROBERT JOHN, CA
[71] CERTICOM CORP., CA
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[54] **HARDFACED WEARPART USING BRAZING AND ASSOCIATED METHOD AND ASSEMBLY FOR MANUFACTURING**
[54] **PIECE D'USURE A FACE DURE UTILISANT UN BRASAGE ET PROCEDE ASSOCIE ET ENSEMBLE POUR SA FABRICATION**
[72] CHURCHILL, ROBIN KERRY, US
[71] ESCO CORPORATION, US
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[54] **FORMING FOR OBTAINING EQUAL CHARACTERISTICS IN THE SHEETS; APPARATUS FOR FRICTION STIR WELDING WITH COOLING ELEMENT**
[54] **FORMAGE PERMETTANT D'OBTENIR DES FEUILLES AYANT DES CARACTERISTIQUES SEMBLABLES, APPAREIL POUR SOUDAGE PAR FRICTION-MALAXAGE AVEC ELEMENT DE REFROIDISSEMENT**
[72] SANDERS, DANIEL G., US
[72] LEON, LUIS R., US
[72] EDWARDS, PAUL D., US
[72] RAMSEY, GREGORY L., US
[72] COLEMAN, GARY W., US
[71] THE BOEING COMPANY, US
[22] 2009-11-13
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[54] **FORMING FOR OBTAINING EQUAL CHARACTERISTICS IN THE SHEETS; APPARATUS FOR FRICTION STIR WELDING WITH COOLING ELEMENT**
[54] **FORMAGE PERMETTANT D'OBTENIR DES FEUILLES AYANT DES CARACTERISTIQUES SEMBLABLES, APPAREIL POUR SOUDAGE PAR FRICTION-MALAXAGE AVEC ELEMENT DE REFROIDISSEMENT**
[72] SANDERS, DANIEL G., US
[72] LEON, LUIS R., US
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[54] **PROCEDES DE PREPARATION D'INHIBITEURS DE SGLT2**
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[72] WU, YUELIN, CN
[72] LI, SHENGBIN,, CN
[72] XU, GE, CN
[71] THERACOS SUB, LLC, US
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[30] US (61/091,248) 2008-08-22

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[21] **2,935,846**
[13] A1
[51] **Int.Cl. B23K 20/12 (2006.01)**
[25] EN
[54] **FORMING FOR OBTAINING EQUAL CHARACTERISTICS IN THE SHEETS; APPARATUS FOR FRICTION STIR WELDING WITH COOLING ELEMENT**
[54] **FORMAGE PERMETTANT D'OBTENIR DES FEUILLES AYANT DES CARACTERISTIQUES SEMBLABLES, APPAREIL POUR SOUDAGE PAR FRICTION-MALAXAGE AVEC ELEMENT DE REFROIDISSEMENT**
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[72] LEON, LUIS R., US
[72] EDWARDS, PAUL D., US
[72] RAMSEY, GREGORY L., US
[72] COLEMAN, GARY W., US
[71] THE BOEING COMPANY, US
[22] 2009-11-13
[41] 2010-05-20
[62] 2,734,163
[30] US (61/199,296) 2008-11-15
[30] US (12/617,022) 2009-11-12

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[21] **2,935,902**
[13] A1
[51] **Int.Cl. A61K 36/66 (2006.01) A61K 36/28 (2006.01) A61K 36/45 (2006.01) A61P 1/00 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING AND PREVENTING MUCOSITIS**
[54] **METHODES DE TRAITEMENT ET PREVENTION DES MUCOSITES**
[72] BOMBARDELLI, EZIO, IT
[72] MORAZZONI, PAOLO, IT
[71] INDENA S.P.A., IT
[22] 2007-07-27
[41] 2008-01-31
[62] 2,659,211
[30] EP (06015732.8) 2006-07-28

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[21] **2,935,949**
[13] A1
[51] **Int.Cl. F04D 29/046 (2006.01) F04D 13/06 (2006.01) F04D 29/043 (2006.01) F16C 17/14 (2006.01) F16C 33/12 (2006.01) F16C 33/14 (2006.01)**
[25] EN
[54] **MOTOR PUMP BEARING**
[54] **PALIER DE MOTO-POMPE**
[72] LEBKUCHNER, BENNO, US
[72] KUSTER, HANS L., US
[71] AQUAMOTION, INC., US
[22] 2012-09-27
[41] 2014-03-06
[62] 2,883,495
[30] US (13/597,812) 2012-08-29

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[21] **2,936,099**
[13] A1
[51] **Int.Cl. B25J 15/00 (2006.01)**
[25] EN
[54] **SCALABLE COMMON INTERFACE PLATE SYSTEM FOR ROBOT**
[54] **SYSTEME DE PLAQUE D'INTERFACE COMMUNE A GEOMETRIE VARIABLE**
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[72] DOWLING, SEAN ANDREW, CA
[72] CHAN, MING KIT, CA
[71] MACDONALD, DETTWILER AND ASSOCIATES INC., CA
[22] 2011-02-15
[41] 2011-08-25
[62] 2,789,117
[30] US (61/305,266) 2010-02-17

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[21] **2,936,128**
[13] A1
[51] **Int.Cl. A61M 15/00 (2006.01) A61M 16/06 (2006.01) A61M 16/20 (2006.01)**
[25] EN
[54] **VISUAL INDICATOR FOR AN AEROSOL MEDICATION DELIVERY APPARATUS AND SYSTEM**
[54] **INDICATEUR VISUEL POUR DISTRIBUTEUR DE MEDICATION EN AEROSOL ET SYSTEME CORRESPONDANT**
[72] BRUCE, SARAH, CA
[72] SCHMIDT, JAMES N., CA
[71] TRUDELL MEDICAL INTERNATIONAL, CA
[22] 2003-05-16
[41] 2003-11-27
[62] 2,849,545
[30] US (60/382,227) 2002-05-21
[30] US (10/431,325) 2003-05-07

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[21] **2,936,209**
[13] A1
[51] **Int.Cl. C07C 237/08 (2006.01) A61K 31/165 (2006.01) A61P 25/00 (2006.01) A61P 25/02 (2006.01) A61P 25/06 (2006.01) A61P 29/00 (2006.01) C07C 231/12 (2006.01)**
[25] EN
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[72] SALVATI, PATRICIA, IT
[72] CANEVOTTI, RENATO, IT
[72] PONZINI, FRANCESCO, IT
[71] NEWRON PHARMACEUTICALS S.P.A., IT
[22] 2008-12-01
[41] 2009-06-18
[62] 2,706,789
[30] EP (07023937.1) 2007-12-11

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DEN HARING, DAVID 2,825,334
DEN-MAT HOLDINGS, LLC 2,718,286
DENTSPLY SIRONA INC. 2,625,761
DEPEYRE, SERGE 2,706,761
DEPUY SYNTHES PRODUCTS, LLC 2,725,472
DERMACLIP INTERNATIONAL, LTD. 2,720,050
DESTAFANO, MARK 2,634,835
DEUTSCHE TELEKOM AG 2,765,543
DEVIR, ADAM 2,679,558
DEZZANI, MARCO 2,724,996
DIALIGHT CORPORATION 2,775,716
DING, SHI 2,898,550
DINKELBORG, LUDGER 2,723,596
DIPLACIDO, ROBERT 2,889,684
DISALVO, DARREN 2,722,923
DIVERSEY, INC. 2,634,156
DOBAK, JOHN D., III 2,524,524
DOBASHI, HIDETAKA 2,845,001
DOBSON, ROY LEE MARTIN 2,778,015
DOLBY INTERNATIONAL AB 2,684,975
DONG, LINA 2,654,414
DONNER, CHRISTOPHER GERALD 2,783,472
DOOLEY, CHRISTOPHER P. 2,741,715
DOOLIN, DAVID 2,748,109
DORYWALSKA, MAGDALENA GRAZYNA 2,813,411
DOS SANTOS FERREIRA, HUMBERTO 2,648,914
DOS SANTOS, GEORGE 2,753,093
DOTA, ATSUYOSHI 2,724,055
DOW AGROSCIENCES LLC 2,583,380
DOW GLOBAL TECHNOLOGIES LLC 2,722,431
DOWLING, MATTHEW SCOTT 2,869,692
DOWN, JOHN HARRY 2,690,632
DREHER, ANDREAS JOSEF 2,860,650
DROCHON, BRUNO 2,809,408
DROZT, PETER M. 2,785,725
DRZEWIECKI, LOPEK 2,850,005
DSM IP ASSETS B.V. 2,740,551
DU BOIS, DAISY JOE 2,701,214
DU, KUNWEN 2,828,025
DU, KUNWU 2,828,025
DUBOIS, LAURENT 2,712,629
DUBOIS, LAURENT 2,712,921
DUCHESNE, PERLA 2,632,376
DUCLOS, BRIAN A. 2,866,354
DUERR, RYAN 2,733,342
DUKART, GARY 2,681,451
DUNCAN, ALEXANDER R. 2,597,098
DUNN, DENNIS C. 2,703,933
DUPONT NUTRITION BIOSCIENCES APS 2,702,293
DURAND, NATHALIE 2,698,106

DURNELL, TROY E. 2,867,838
DUSHIN, RUSSELL 2,813,411
DUVAL, MICHEL 2,[illegible],805
DYE, JAMES L. 2,799,535
E HOLSTAD HOLDING AS 2,862,857
EARLY WARNING SERVICES, LLC 2,691,845
EASTIN, JOHN ALVIN 2,699,490
EASTMAN CHEMICAL COMPANY 2,733,917
EBETINO, FRANK HALLOCK 2,778,015
EBM-PAPST ST. GEORGEN GMBH & CO. KG 2,792,437
EBNER, DAVID CHRISTOPHER 2,869,692
EBNER, MANFRED 2,634,831
EBNER, MANFRED 2,634,835
ECKHARDT, MATTHIAS 2,835,779
EDELSTEIN, WILLIAM A. 2,679,498
EDGE, STEPHEN 2,762,241
EDGERTON, JEFFREY DONALD 2,631,081
EDUCATIONAL FOUNDATION JICHI MEDICAL UNIVERSITY 2,625,106
EDWARDS, EDUARD 2,800,274
EDWARDS, JEFFREY CHARLES 2,694,345
EDWARDS, TERRI G. 2,851,516
EIS, KNUT 2,656,413
EKEROTH REIJM, KERSTIN 2,838,774
EKIMOV, ALEXANDER E. 2,650,234
EKLUND, JANNE 2,690,964
ELECTROLUX HOME CARE PRODUCTS, INC. 2,865,445
ELLIS, CHARLES D. 2,517,481
ELLIS, DAVID J. 2,540,895
ELLISTON, ASIF 2,845,468
ELPHICK, JONATHAN 2,702,313
ELWORTHY, TODD RICHARD 2,701,214
EMERY, JEFFREY L. 2,611,891
EMMANUEL, NANTHAKUMAR VICTOR 2,585,541
ENGDEGARD, JONAS 2,684,975
ENGLERT, MATTHEW JOHN 2,763,033
ENOVATE SYSTEMS LIMITED 2,694,345
ENVIROLLEA INC. 2,879,192
ERAYDIN, KEREM 2,823,309
EROSHOV, MICHAEL 2,679,558
ESKEW, JOHN F. 2,819,535
ESLER, DAVID RICHARD 2,690,632
ESPERA-WERKE GMBH 2,885,100
ETEMAD-GILBERTSON, BIJAN 2,654,025
ETHICON ENDO-SURGERY, INC. 2,585,825
ETHICON ENDO-SURGERY, INC. 2,698,728
EURAMAX INTERNATIONAL, INC. 2,727,793
EURO-CELTIQUE S.A. 2,666,283
EUROSETS S.R.L. 2,561,068
EVANNO, YANNICK 2,712,629
EVANNO, YANNICK 2,712,921
EVANS, MERLE E. 2,881,342
EVANS, WILLIAM, III 2,756,119
EWALD DOERKEN AG 2,686,107
EWIN, RICHARD A. 2,866,354
EXELIS INC. 2,905,827
F. HOFFMANN-LA ROCHE AG 2,701,214
F. HOFFMANN-LA ROCHE AG 2,711,573
FACEBOOK, INC. 2,901,597
FAIRFIELD INDUSTRIES INC. 2,724,987
FALARDEAU, BRUNO 2,688,096
FALCH, CORNELIA 2,684,975
FAN, HONGYIN 2,826,092
FAN, HUA 2,801,566
FANG, CHAOHONG 2,894,291
FANI, PEJMAN 2,718,286
FARINELLA, MICHAEL 2,855,486
FARLING, TOBY N. 2,602,262
FARNSWORTH, ANDREW 2,665,671
FARON PHARMACEUTICALS OY 2,519,465
FARRELL, MICHAEL 2,661,713
FASCENDA, ANTHONY C. 2,690,778
FASCENDA, ANTHONY C. 2,705,707
FEAU, JULIEN 2,698,106
FEINDEL, TYM 2,537,269
FEINGOLD, JAY MARSHALL 2,681,451
FELDMANN, LUC 2,743,527
FELPEL, GLENN 2,875,383
FENNEL, MARTIN J. 2,683,953
FEREY, GERARD 2,699,496
FERNANDO, DILINIE PRASADHINI 2,869,692
FERREIRA DE MELO, VAMBERTO 2,712,338
FERRON-FORGET, SIMON 2,688,096
FILIATRAULT, CHARLES 2,745,496
FILIPSKI, KEVIN JAMES 2,869,692
FINA BIOTECH, S.L.U. 2,693,847
FINCH, DONNA K. 2,597,098
FINCH, HARRY 2,748,331
FINCH, PAUL 2,691,845
FINCHER, GEOFFREY BRUCE 2,617,594
FISCH, RALF WALTER 2,818,032
FISCHBACH, TAB 2,825,334
FISHER CONTROLS INTERNATIONAL LLC 2,723,523
FISHER CONTROLS INTERNATIONAL LLC 2,767,750
FISHER, CHRISTOPHER 2,851,516
FISSELER, GLENN D. 2,724,987
FLACH, JUERGEN 2,686,354
FLAMAND, LOUIS 2,813,740
FLOHR, ANDREAS 2,816,735
FLUID WELL INSTRUMENTS B.V. 2,645,976
FOMICHEV, ANDREW V. 2,725,021
FONTOURA, PAULO 2,435,758
FORREST, GREGORY GORDON 2,706,175
FORSYTH, DAVID SEAN 2,754,181
FORT HILLS ENERGY L.P. 2,733,342
FORTIER, STEPHANE MAXIME FRANCOIS 2,689,863
FOSBERG, DOUGLAS K. 2,845,468
FOSTER-MILLER, INC. 2,855,486
FOX, ANDREW D. 2,720,050
FOX, CRAIG 2,748,331
FRANKLIN, KENNETH JAMES 2,663,476
FRANKS, BRADFORD SHANE 2,828,956
FRATACCI, MARIE-DOMINIQUE 2,743,527
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,684,975
FREDERICKSON, CARL K. 2,650,234
FREEMAN, THERESA 2,588,369
FRESENIUS MEDICAL CARE HOLDINGS, INC. 2,737,071
FRIEBE, MATTHIAS 2,723,596
FRIEDLEY, PAUL D. 2,508,668
FRIESEN, KIM GENE 2,819,676
FRIGG, ROBERT 2,725,472
FRITCHIE, PATRICK P. 2,704,682
FRITO-LAY NORTH AMERICA, INC. 2,800,274
FRITO-LAY NORTH AMERICA, INC. 2,808,022
FRYDMAN, ARNALDO 2,711,251
FTI CONSULTING, INC. 2,773,220
FU, YUCHENG 2,912,097
FUCHSS, THOMAS 2,715,675
FUGLEWICZ, DANIEL P. 2,822,993
FUJIFILM CORPORATION 2,728,242
FUJII, KENJI 2,688,369
FUJISE, KAZUHIKO 2,864,381
FUJITSU LIMITED 2,883,244
FULLER, MICHAEL 2,809,408
FURANIX TECHNOLOGIES B.V. 2,893,566
FURUTANI, MASAYUKI 2,757,190
GAETA, FEDERICO 2,685,268
GAGNON, JEAN-PIERRE 2,646,941
GAINER, DAVID F. 2,517,481
GALATEA LTD. 2,679,558
GALLY S.P.A. 2,724,996
GAMHEWAGE, CHAMARA 2,867,838
GANZ 2,763,326
GANZ, HOWARD 2,763,326
GANZONI & CIE AG 2,722,373
GARCIA, ARIEL 2,655,446
GARDNER, GREGORY E. 2,704,682
GARIBAY, PAUL 2,692,530
GARREN, HIDEKI 2,435,758
GARRIS, WILLIAM ERIC 2,905,827
GARSSEN, JOHAN 2,691,563
GATES CORPORATION 2,858,121
GAUDREAULT, PHILIPPE 2,836,817
GAUTIER, OLIVIER 2,891,494
GE-HITACHI NUCLEAR ENERGY AMERICAS LLC 2,653,871
GE-HITACHI NUCLEAR ENERGY CANADA INC. 2,727,484
GEBKE, KEVIN J. 2,818,114
GEDDES, JILL 2,809,408
GEGE, CHRISTIAN 2,856,946
GENDRON, RICHARD 2,747,665

GENERAL ELECTRIC COMPANY 2,529,336
GENERAL ELECTRIC COMPANY 2,647,799
GENERAL ELECTRIC COMPANY 2,690,632
GENERAL ELECTRIC COMPANY 2,711,251
GENERAL ELECTRIC COMPANY 2,722,218
GENERAL ELECTRIC COMPANY 2,741,933
GENERAL ELECTRIC TECHNOLOGY GMBH 2,847,970
GENERICS [UK] LIMITED 2,768,553
GENESTE, OLIVIER 2,741,831
GENESTE, OLIVIER 2,856,886
GENMAB A/S 2,450,285
GENSURE, ROBERT C. 2,683,862
GENZYME CORPORATION 2,597,098
GERDES, KLAUS 2,685,268
GERICKE, ROLF 2,715,675
GERRITSEN, ARNOUT F. 2,450,285
GERSH, MARK 2,718,286
GETZ, STEVEN 2,634,831
GETZ, STEVEN 2,634,835
GHELLI, NICOLA 2,561,068
GIANT FACTORIES INC. 2,706,263
GIBBONS, JAMES JOSEPH, JR. 2,681,451
GIBSON, ADAM 2,819,535
GIBSON, DANIEL G. 2,754,212
GILLOT, OLIVIER 2,891,494
GIORGI, GIANNI 2,847,970
GIVENS, RAYMOND 2,681,487
GLASS, ELIZABETH JACKSON 2,799,185
GLASS, JOHN I. 2,754,212
GLAVE, GERALD 2,508,668
GLICKSMAN, AVRAHAM 2,673,493
GLOVER, BRYAN K. 2,834,320
GODAVARTI, RANGANATHAN 2,601,062
GOGO LLC 2,840,555
GOMEZ, AMALIA BARRAGAN 2,690,964
GONDRAN, CHANTAL 2,721,355
GONZALEZ, CHRISTIAN 2,675,035
GOODWIN, KURT 2,741,933
GOODWIN, RICHARD M. 2,866,354
GOOGLE INC. 2,647,738
GOOGLE INC. 2,667,622
GORDON, GREGORY CHARLES 2,860,650
GORDON, ROY R. 2,431,105
GORE, BRIAN 2,679,498
GORE, VINAYAK GOVIND 2,768,553
GOSSE, DAVID 2,537,269
GOSTOMELSKY, ALEXEY 2,657,694
GRAEFENSTEIN, THOMAS 2,690,066
GRAHAM, GEORGE 2,844,682
GRAINS RESEARCH & DEVELOPMENT CORPORATION 2,617,594
GRANOT, BOAZ 2,750,000
GRAPHIC PACKAGING INTERNATIONAL, INC. 2,823,959
GRASSAUER, ANDREAS 2,696,009
GREENER, BRYAN 2,613,662
GREENFIELD, SCOTT 2,790,924
GREF, RUXANDRA 2,699,496
GRINCOURT, YVES 2,647,799
GRINER, ADAM M. 2,602,262
GRUTER, GERARDUS JOHANNES MARIA 2,893,566
GU, YING 2,845,423
GUANGDONG JETFAST PORTABLE LIGHTING CO., LTD. 2,817,386
GUENTHER, JUDITH 2,656,413
GUFFEE, RUSSELL J. 2,748,109
GUILLOUZIC, ANNE-FRANCOISE 2,856,886
GUIRAUDIE-CAPRAZ, GAELLE 2,653,104
GUNDLACH, JENS H. 2,774,710
GUNGL, JOZSEF 2,685,268
GUNZEL, EDWARD C. 2,837,378
GUO, BIN 2,898,550
GUO, CLIFF YI 2,722,218
GUO, NING 2,745,496
GUPTA, ANIL KUMAR 2,640,401
GUPTA, MADAN MOHAN 2,640,401
GUSEV, GLEB 2,657,694
GUTIERREZ M. LYDIA E. 2,651,843
GUYTON, WILLIAM 2,724,987
GYURIS, JENO 2,654,025
HABER-STUK, ANDREA K. 2,866,354
HADDEN, JEREMY 2,849,454
HADDOCK, DUSTIN MARSHALL MARSTON 2,791,983
HADDOCK, ROBERT M. M. 2,791,983
HAGEMAN, ROBERT JOHAN JOSEPH 2,704,906
HAGG, RUPERT 2,568,438
HAGHANI, REZA 2,691,497
HAGIWARA, YUMI 2,724,055
HAIER US APPLIANCE SOLUTIONS, INC. 2,670,334
HAINON, LAURENT 2,675,035
HAJI, MEHDI 2,891,930
HALK, EDWARD 2,450,285
HALL, BRANDON T. 2,869,635
HALLIBURTON ENERGY SERVICES, INC. 2,817,852
HALLIBURTON ENERGY SERVICES, INC. 2,839,725
HALLIBURTON ENERGY SERVICES, INC. 2,851,237
HALLIBURTON ENERGY SERVICES, INC. 2,900,397
HAMA, SHIGENORI 2,840,671
HAMACHER, MATTHIAS 2,669,042
HAMAD-EBRAHIMPOUR, ALYSSANDREA HOPE 2,860,650
HAMBLEN, GUY A. 2,508,668
HAMILTON SUNDSTRAND CORPORATION 2,805,938
HAMILTON, LAEL W. 2,631,081
HAMMOND, PAUL 2,702,313
HAMMOND, RUSSELL JOHN 2,899,680
HAMPTON, STEPHEN A. 2,845,468
HAN, MAY 2,654,025
HAN, SEUNG HEE 2,789,692
HAN, ZHENGXU 2,835,779
HANGER, DIANE 2,527,437
HANN, TOM 2,733,342
HANSON, IAN B. 2,847,548
HARCHANKO, JOHN 2,804,051
HARDY, ANNE B. 2,801,566
HARMAN BECKER AUTOMOTIVE SYSTEMS GMBH 2,604,670
HARRALL, SIMON J. 2,881,342
HARRIER TECHNOLOGIES, INC. 2,764,929
HARRIS , JENSEN 2,725,021
HARRIS, GEORGE D., JR 2,851,516
HARROP, ANDREW 2,662,138
HART, CELIA P. 2,597,098
HART, HOPE 2,759,093
HART, ROGER 2,765,881
HARTMANN, ANDREAS 2,837,885
HARTMANN, ULRICH 2,828,291
HARTOG, ARTHUR 2,702,313
HARWOOD, ERIC B. 2,814,352
HASENZAHL, SIEGHARD 2,634,835
HASHEM, GHAZI J. 2,881,342
HASZ, WAYNE CHARLES 2,690,632
HATCHETT, COREY 2,825,334
HAWORTH, BRIAN D. 2,634,156
HAYES, NATHAN T. 2,624,258
HAYTER, GARY 2,683,953
HE, ZHANGQING 2,845,423
HEACOCK, GREGORY L. 2,666,283
HEATH, DAVID 2,610,300
HEGGESTAD, FRODE FLUGHEIM 2,862,857
HEIDEMANN, DIRK 2,690,066
HEIFERMAN, SCOTT 2,823,256
HEILMANN, ANDREAS 2,607,911
HEIM, FRANK 2,818,114
HEINICKE, JOCHEN 2,673,384
HEISKANEN, ISTO 2,597,267
HELGELAND, WALTER 2,739,789
HENKEL AG & CO. KGAA 2,669,042
HENLIN, JEAN-MICHEL 2,856,886
HEPP, JOSEPH P., III 2,867,838
HERBST, RONALD 2,662,340
HERMANN, KONRAD 2,673,384
HERNANDEZ ALTAMIRANO, RAUL 2,849,837
HERRE, JUERGEN 2,684,975
HERRON, WILLIAM LEE (DECEASED) 2,690,632
HERSCH, MARK C. 2,639,652
HESS, CHRISTOPHER J. 2,585,825
HESS, CHRISTOPHER J. 2,698,728
HEXION INC. 2,830,477
HEYMANS, DENIS 2,830,477
HEYS INTERNATIONAL LTD. 2,635,328
HICKMAN, JOHN 2,741,831
HIGHSMITH, TENISHA 2,677,817
HILDEBRANDT, BRUCE WAYNE 2,663,476

HILL'S PET NUTRITION, INC. 2,819,676
HILL, DALE 2,728,679
HILPERT, JOHANNES 2,684,975
HIMMELSBACH, FRANK 2,835,779
HINMAN, CAMERON DALE 2,850,651
HIPP MEDICAL AG 2,876,350
HIRAMOTO, KOJI 2,864,381
HITACHI, LTD. 2,853,410
HITE, SCOTT D. 2,809,848
HOCHREIN, HUBERTUS 2,676,808
HODOREK, ROBERT A. 2,602,262
HOELZER, ANDREAS 2,684,975
HOFFMAN, MICHAEL T. 2,760,158
HOFFMANN, THOMAS 2,856,946
HOFSTAETTER, HERBERT 2,726,696
HOHL, DAVID 2,634,831
HOHL, DAVID 2,634,835
HOLDEN, DAVID 2,634,156
HOLGATE, ROBERT G. 2,597,098
HOLLAND, L.P. 2,794,076
HOLMBERG, MARGUERITE 2,839,813
HOLMES, MICHAEL 2,531,889
HONDA MOTOR CO., LTD. 2,838,918
HOONG SIM, LEE 2,852,081
HOPKE, FREDERICK K. 2,736,110
HORCAJADA CORTES, PATRICIA 2,699,496
HORIE, SHIRO 2,758,714
HORNBERGER, WOLFGANG 2,807,547
HOROWITZ, GABI 2,679,558
HORTON, ANDREW JOSEPH 2,856,298
HORTON, FRED C. 2,738,653
HORWITZ, ARNOLD 2,654,025
HOSHINO, MASAHIKO 2,864,381
HOSIDEN CORPORATION 2,705,958
HOUGEE, SANDER 2,691,563
HUA, RUI 2,845,423
HUANG, ANHU 2,845,423
HUANG, CINDY CHI-LAN 2,837,186
HUAWEI TECHNOLOGIES CO., LTD. 2,630,165
HUAWEI TECHNOLOGIES CO., LTD. 2,845,423
HUBBELL INCORPORATED 2,676,943
HUBSCHWERLEN, CHRISTIAN 2,723,232
HUCULAK, JOHN 2,819,649
HUFFORD, DAVID W. 2,869,635
HUGHES, ROBERT K., JR. 2,686,431
HUGHES, TREVOR 2,809,408
HUITEMA, THOMAS W. 2,698,728
HULLIGER, URS 2,725,472
HUNDT, MICHAEL W. 2,819,535
HUNT, NEIL D. 2,819,709
HUNT, NEIL D. 2,819,716
HUNT, NEIL D. 2,825,019
HUSKY INJECTION MOLDING SYSTEMS LTD. 2,818,032
HUSTEDT, SIEGFRIED KURT MARTIN 2,856,298
HUTCHENS, WILBUR DEAN 2,767,750
HUTCHISON, CLYDE A. 2,754,212
HYBRIGENICS 2,741,831
HYDRO-QUEBEC 2,712,805
IDSC HOLDINGS, LLC 2,692,530
IHI CORPORATION 2,886,134
IIJIMA, MASAKI 2,862,796
IIJIMA, YUKO 2,755,706
ILIEV, IVAYLO KATEV 2,891,431
IMDS AMERICA INC. 2,891,930
IMMORDINO, THIERRY 2,698,106
IMOTO, KENJI 2,724,055
IMPLITE LTD 2,673,493
INDUS BIOTECH PRIVATE LIMITED 2,721,040
INFUSION INNOVATIONS, INC. 2,739,661
INGRAM, STEPHEN R. 2,828,717
INOUE, HITOSHI 2,729,405
INSTITUT NATIONAL DES SCIENCES APPLIQUEES DE TOULOUSE 2,721,355
INSTITUTO MEXICANO DEL PETROLEO 2,849,837
INTEL CORPORATION 2,867,406
INTELLIGRATED HEADQUARTERS, LLC 2,755,011
INTERDIGITAL TECHNOLOGY CORPORATION 2,661,314
INTUITIVE SURGICAL OPERATIONS, INC. 2,850,651
INTUITY MEDICAL, INC. 2,611,891
INVENSYS SYSTEMS, INC. 2,762,597
INVENTUA APS 2,776,542
IP SOLUTIONS, INC. 2,662,313
IRWIN INDUSTRIAL TOOL COMPANY 2,845,468
ISHAM, STEPHEN P. 2,867,838
ISHIKAWA, TAKEHIRO 2,729,405
ISKRA, TIM 2,601,062
ISOGAI, AKIRA 2,755,706
ITOH, TERUAKI 2,828,382
IVOSEVIC, MILAN 2,856,214
JABLONKA, MARCUS 2,686,107
JACKSON MSC LLC 2,784,574
JACKSON, RUSSELL 2,762,597
JACKSON, SCOTT 2,856,298
JACKSON, SIMON MARK 2,720,681
JACOBS, GREGORY F. 2,680,297
JAEGER, UTE 2,625,681
JAIN, RAJENDRA PARASMAL 2,790,924
JAIPURI, FIROZ 2,707,308
JAKOBSEN, TOMMY 2,669,927
JALKANEN, SIRPA 2,519,465
JAMISON, DALE E. 2,900,397
JARDIM RAAD, TULIO 2,712,338
JAZZ PHARMACEUTICALS INTERNATIONAL LIMITED 2,540,895
JEACOCK, ADAM 2,691,152
JERMUTUS, LUTZ U. 2,597,098
JESSUP, HOWARD CHARLES, JR. 2,663,476
JETER, JIMMY 2,848,066
JFE STEEL CORPORATION 2,893,945
JIANG, GUANGCHENG 2,667,460
JINDAL, DEEPAK 2,667,622
JOHANSSON, DANIEL 2,838,774
JOHANSSON, PETTER 2,912,793
JOHNS, PAUL W. 2,850,378
JOHNSON, ASHLEY 2,702,313
JOHNSON, ASHLEY 2,702,730
JOHNSON, ERIC SCOTT 2,853,487
JOHNSON, FRANCIS 2,700,857
JOHNSON, KEVIN 2,639,652
JOHNSON, KURT 2,748,109
JOHNSON, PAUL D. 2,866,354
JOHNSON, TIMOTHY A. 2,866,354
JONES, ANTHONY 2,815,530
JONES, BRUCE CORDELL 2,517,481
JONES, DALE 2,842,938
JONES, MATTHEW 2,908,655
JONES, PETER T. 2,869,635
JOSEPH, TRISSA 2,817,852
JOYCE, TIM 2,840,555
JUN, HAE-YOUNG 2,791,029
JUNG, SOO-YEON 2,791,029
JUNGE, BRENT ALDEN 2,670,334
JUSTICE, TIMOTHY L. 2,869,635
KADIOGLU, YAVUZ 2,839,694
KAELZ, BEATE 2,685,268
KAHLE, HENRY 2,734,538
KAHOL, ATUL PRAKASH 2,640,401
KAKUMANU, SARAT 2,822,993
KALKANOGLU, HUSNU M. 2,680,297
KALOMERIS, CHARLES E. 2,845,468
KALRA, ALOK 2,640,401
KAMALI, PETER 2,823,256
KAMIYAMA, TAKAO 2,688,369
KAMPE, ANDERS 2,838,774
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LANZATECH NEW ZEALAND LIMITED 2,936,252
LANZATECH NEW ZEALAND LIMITED 2,936,424
LAPINA, OLGA VIKTOROVNA 2,935,965
LARGO, MARC 2,936,199
LASATER, JEFFREY B. 2,934,770
LASIC, SAMO 2,936,624
LAU, KAI ZHIA 2,936,185
LAVIAL, FABRICE 2,936,614
LAVOIE, FREDERIC 2,936,595
LAVOIE, PIERRE-OLIVIER 2,936,350
LAW, KAMMAN 2,936,234
LAWHORN, BRIAN GRIFFIN 2,936,467
LECH, JANUSZ 2,936,520
LEE, BRIAN DUH-LAN 2,936,230
LEE, CHITASE 2,936,550
LEE, HYUN CHANG 2,936,518
LEE, JANICE 2,935,867
LEE, SZU-HSIEN 2,935,782
LEE, YEN-WAH 2,936,258
LEE, YEN-WAH 2,936,285
LEE, YONG CHAE 2,936,183
LEGGE, RYAN 2,936,363
LEGOUPY, STEPHANIE 2,936,034
LEI, WEILIN 2,936,373
LEMKE, EDWARD 2,936,615
LEMKE, PAUL 2,936,540
LEON-GUARENA, ARMANDO 2,936,319
LES PRODUITS INDUSTRIELS DE HAUTE TEMPERATURE PYROTEK INC. 2,936,512
LETTENBERGER, NEIL 2,936,098
LEVENTHAL, JOSEPH 2,936,446
LEVITT, DAVID J. 2,936,464
LEWIS, THOMAS F. 2,934,321
LEWIS, THOMAS F. 2,934,960
LEXMARK INTERNATIONAL, INC. 2,936,048
LEYARD OPTOELECTRONIC CO., LTD. 2,936,373
LI, FEI 2,936,149
LI, GANG 2,935,867
LI, HAO 2,909,644
LI, KING 2,936,483
LI, LIXIN 2,936,375
LI, LIXIN 2,936,376
LI, LIXIN 2,936,377
LI, PENG 2,935,985
LI, QIANG 2,936,196
LI, SHUAI 2,936,356
LI, SHUAI 2,936,431
LI, WEI 2,936,419
LI, XING 2,909,644
LI, XINHUA 2,936,386
LI, XIONG 2,936,156
LI, YISHAN 2,936,079
LIAN, YANGZHONG 2,936,356
LIAN, YANGZHONG 2,936,431
LIANG, BIAO 2,936,605
LIANG, JIAQI 2,936,440
LIANG, MEINA 2,936,258
LIANG, MEINA 2,936,285
LIAO, WEI-LI 2,936,077
LIENAU, PHILIP 2,936,024
LIFETIME PRODUCTS, INC. 2,936,109
LILJE, KENNETH C. 2,936,340
LIM, SI KYU 2,936,063
LIME INSTRUMENTS LLC 2,936,060
LIN, CHIN-WEI 2,935,782
LINDAL FRANCE SAS 2,936,138
LINDBLOM, ANDERS 2,934,978

LINDE AKTIENGESELLSCHAFT 2,936,279
LINDORFER, MARGARET A. 2,936,346
LINDSKOG, KJELL 2,936,174
LIU, LUKE 2,936,503
LIU, SHANZENG 2,936,463
LIU, YA 2,936,153
LIU, ZHENGCHUN 2,936,045
LIU, ZHILIN 2,915,739
LMK TECHNOLOGIES, LLC 2,936,058
LOCHMANN, MARK 2,936,625
LOOP, JOHN G. 2,936,276
LOOP, JOHN G. 2,936,282
LORENZANI, MAURO 2,936,524
LOWE, SCOTT W. 2,936,254
LU, CHANGJUN 2,936,373
LU, DAN 2,936,543
LU, HAO 2,936,419
LU, YUAN 2,936,092
LU, ZHONGHUI 2,936,116
LUNDE, BRADLEY 2,936,611
LUNDEMOSE, ANKER 2,936,139
LUNDEMOSE, ANKER 2,936,335
LUO, JUNHONG OSCAR 2,936,089
LURIE, MARTIN S. 2,936,553
LUTZ, BARRY 2,936,349
LUXON, EVAN S. 2,936,078
LYERLY, HERBERT KIM 2,936,244
LYMAN, JEFFERSON 2,936,433
MAARAOUI, SAMER 2,936,311
MACKIE, COLIN 2,936,502
MACOR, JOHN E. 2,936,293
MACOR, JOHN E. 2,936,338
MAEDA, KAORU 2,936,055
MAGNA INTERNATIONAL INC. 2,936,272
MAGNA INTERNATIONAL INC. 2,936,412
MAGNABLEND INC. 2,936,306
MAITRA, AMARNATH 2,936,354
MAK, CHI YIN 2,933,866
MALAVASI, MASSIMO 2,935,051
MALBOEUF, MATHIEU 2,936,119
MALEKZADEH, SOGOL 2,935,471
MALGAT, ALEXANDRE 2,936,273
MALLOY, JOHN D., III 2,936,118
MALOCHA, JASON 2,936,444
MALSTAM, JOHAN 2,934,978
MANCHADO, EUSEBIO 2,936,254
MANDRY, JAMES E. 2,936,080
MANIKANDAN, CHITHRA 2,936,029
MANKU, MEHAR 2,935,986
MANN, MARKUS 2,936,372
MANN, RICHARD K. 2,936,580
MANNONEN, PETRI 2,936,484
MANNS, JAMES M. 2,936,426
MANNS, SHARADA 2,936,467
MAO, ZHONGQUN 2,936,356
MAO, ZHONGQUN 2,936,431
MARCHETTI, FABIO 2,935,966
MARDIROS, ARMEN 2,936,501
MARIN, JUAN CARLOS 2,936,540
MARINE EXHAUST SOLUTIONS INC. 2,936,603
MARLATT, SHAUN P. 2,936,176
MARLATT, SHAUN P. 2,936,217
MAROZIN, ALESSANDRO 2,936,171
MARSH, PHILIP 2,936,051
MARTIN, ANDREW 2,936,195
MARTIN, BRIAN ALEXANDER 2,936,154
MARTIN, GALEN M. 2,936,081
MARTIN, OLIVIER 2,935,486
MARTINEZ, JUAN HUMBERTO 2,936,003
MARTOMO, STELLA A. 2,936,543
MARUCCHI, LEON A. 2,936,088
MASTANDUNO, RICHARD 2,936,347
MATHEW, JAMES 2,936,446
MATHEY, JASON M. 2,936,058
MATON, WILLIAM 2,936,192
MATSCHINER, GABRIELE 2,936,611
MATSUMOTO, IZUMI 2,936,172
MATSUMOTO, IZUMI 2,936,173
MATSUURA, SADAHIKO 2,936,511
MATTEUCCI, SCOTT T. 2,936,353
MATTEUCCI, SCOTT T. 2,936,627
MATTINA, LOUIS J. 2,936,257
MATZ, RICHARD 2,936,450
MATZ, RICHARD 2,936,452
MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V. 2,928,720
MAY, NICHOLAS 2,936,019
MAZZOCCHI, RUDY 2,936,334
MBP (MAURITIUS) LTD 2,936,475
MCCARTY, OWEN J. 2,936,065
MCDEVITT, JOHN 2,936,341
MCDONALD, SIMON P. 2,936,399
MCDONNELL, MARK 2,936,506
MCKEOWN, MICHAEL R. 2,936,256
MCKIERNAN, ROBIN LYNN 2,936,110
MCKINNEY, ANTHONY 2,936,108
MCKNIGHT, ANDREW JOHN 2,936,366
MCMILLAN, BRIAN 2,936,108
MCNALLY, GERARD P. 2,936,216
MCNULTY, JOHN J. 2,935,987
MEDICAGO INC. 2,936,350
MEDIMMUNE, LLC 2,936,244
MEDIMMUNE, LLC 2,936,258
MEDIMMUNE, LLC 2,936,285
MEDIS, D.O.O. 2,934,871
MEHLEN, PATRICK 2,936,614
MELIKECHI, ABDENOUR 2,936,134
MELKER, RICHARD 2,936,566
MELO, SONIA 2,936,100
MELONI, MARISA 2,936,481
MELVILLE, NICHOLAS 2,936,035
MENN, PAVEL 2,936,228
METSO MINERALS, INC. 2,936,270
MEYER, TODD J. 2,935,864
MEYER, TODD J. 2,935,865
MHETAR, VIJAY 2,936,147
MHETAR, VIJAY 2,936,194
MHWIRTH GMBH 2,936,040
MICROSOFT TECHNOLOGY LICENSING, LLC 2,935,471
MIDWOOD, KIM SUZANNE 2,936,159
MIGLIETTA, JOHN 2,934,965
MILLENNIUM PHARMACEUTICALS, INC. 2,935,867
MINIPUMPS, LLC 2,936,449
MINTZ, AKIVA 2,936,483
MIRCEA, TUDOR 2,936,071
MIRONOV, OLEG 2,936,265
MIRONOV, OLEG 2,936,273
MISSION PHARMACAL COMPANY 2,936,409
MISSION PHARMACAL COMPANY 2,936,416
MISSION PHARMACAL COMPANY 2,936,430
MITANI, IKUO 2,936,408
MITCHELL, WAYNE PIERCE 2,936,424
MITSUI CHEMICALS, INC. 2,936,511
MITSUI HIGH-TEC, INC. 2,936,169
MITTELSTADT, CHAD 2,936,177
MIX FOR YOU LTDA. 2,936,460
MIZER, SCOTT 2,936,087
MIZOBUCHI, YUSUKE 2,936,511
MOFFATT, JOHN 2,936,203
MOGHADAM, ALI 2,936,238
MOHSENI, MASOUD 2,936,112
MOHSENI, MASOUD 2,936,114
MOKEEV, ALEKSEI VASILIEVICH 2,936,074
MOLL, ROLAND 2,936,040
MONDOULET, LUCIE 2,936,259
MONFROY, GERARD 2,936,138
MONIS, ERNESTO HUESO 2,936,234
MONTROSS, CHARLES S. 2,936,231
MOON, SUNG SIK 2,936,057
MOONGILPALAYAM CHENNIAPPAN, VENKATACHALAPATHY 2,936,198
MORDECHAI DANIEL, TALYA 2,936,486
MORGAN, CURTIS 2,936,347
MORHAIN, CEDRIC 2,935,966
MORITA, TORU 2,936,032
MORIZUR, JEAN-FRANCOIS 2,936,562
MORRIS, DAVID WAYNE 2,936,098
MORRIS, ROBERT H. 2,936,143
MORSE, MICHAEL A. 2,936,244
MOTLAND, ARNE 2,936,190
MOUAZEN, MOUHAMAD 2,936,469
MOUSAVI, SEYED MILAD 2,936,603
MSIKA, PHILIPPE 2,936,481
MSP RESOURCING CANADA INC. 2,936,136
MUECK, MARKUS DOMINIK 2,936,027
MULHERIN, JOHN P. 2,936,363
MUSTONEN, TIMO 2,936,270
MUTNURI, SRIDEVI 2,936,242
MYERS, MICHAEL J. 2,936,363
MYHREN, FINN 2,936,327
MYSTIC PHARMACEUTICALS, INC. 2,936,301
NAGAI, AKIRA 2,936,169
NAGAMORI, HIRONOBU 2,936,408
NAGARAJU, SHILPA 2,936,252

NAKAGAWA, YUICHI 2,936,408
NAKAJIMA, DAISUKE 2,936,172
NAKAJIMA, DAISUKE 2,936,173
NAKATA, YOICHI 2,936,165
NASSAR, ROGER A. 2,934,620
NASSAR, ROGER A. 2,934,693
NDLOVU, ALOIS 2,936,036
NECULAES, VASILE BOGDAN 2,936,230
NEGALAGULI, HARISHA M. 2,936,083
NEIHEISEL, GREG 2,936,191
NELSON, RENEE 2,936,409
NELSON, RENEE 2,936,416
NELSON, RENEE 2,936,430
NESTE OYJ 2,934,694
NETRIS PHARMA 2,936,308
NEUFELD, PETER W. 2,936,176
NEUMANN, CHISTOPHER 2,936,129
NEUROVANCE, INC. 2,936,108
NEVEN, HARTMUT 2,936,112
NEVEN, HARTMUT 2,936,114
NEWLENOIR LIMITED 2,936,050
NGUYEN, ANH KIET 2,936,439
NGUYEN, PHILIP D. 2,936,096
NGUYEN, VAN C. 2,936,176
NICOLEAU, LUC 2,936,567
NICOLETTI, AMY MARIE 2,934,965
NIELSEN, KAI LONNE 2,936,568
NIEMI, HARRI 2,936,270
NIKIC, IVANA 2,936,615
NILSSON, MARKUS 2,936,624
NINGBO FOTILE KITCHEN WARE CO., LTD 2,936,356
NINGBO FOTILE KITCHEN WARE CO., LTD 2,936,431
NISHIKAWA, TAKESHI 2,936,053
NIU, LIYUAN 2,936,149
NKANSAH, PAUL OKWABI 2,936,283
NORCOTT, ALISON RUTH 2,936,234
NORDSKAG, JANNICHE IREN 2,936,439
NORTHWESTERN UNIVERSITY 2,936,446
NORTURE, MICHEL 2,936,530
NORWEGIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY 2,934,950
NORWEGIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY 2,936,013
NOVARTIS AG 2,936,142
NOVIRA THERAPEUTICS, INC. 2,936,241
NOVO HB, LLC 2,936,025
NOVOGEN LIMITED 2,936,012
NOVOMATIC AG 2,936,451
NOVOMATIC AG 2,936,520
NUHEART AS 2,936,528
NUR, ISRAEL 2,934,417
NURMINEN, PETRI 2,936,484
NUTECH VENTURES 2,935,856
NYGREN, KURT 2,936,236
NYMAN, TOMI 2,934,694
O'NEILL, BOBBY 2,935,802
OBORNY, RADEK 2,936,188
OBRIST, GERHARD 2,936,278
OFFNER-VANDENBARK, HALINA 2,936,065
OGLE, JAMES WILLIAM 2,936,187
OKABE, HIROKI 2,936,321
OKADA, NAOKI 2,936,064
OKVIST, MATS 2,936,139
OKVIST, MATS 2,936,335
OLIPHANT, JUSTIN MATTHEW 2,935,995
OLLMAR, STIG 2,936,458
OLLMAR, STIG 2,936,487
OLLRE, ALBERT G. 2,936,546
OLSEN, GARRETT T. 2,936,496
OLWILL, SHANE 2,936,611
OMAN, MARK 2,934,620
OMAN, MARK 2,934,693
OMICIA, INC. 2,936,107
OMRIX BIOPHARMACEUTICALS LTD. 2,934,417
ONCOTHERM KFT. 2,936,297
ONTOGENESIS, LLC 2,936,239
OOSTERVELD, ALEXANDER 2,935,090
ORACLE INTERNATIONAL CORPORATION 2,936,074
ORACLE INTERNATIONAL CORPORATION 2,936,358
ORACLE INTERNATIONAL CORPORATION 2,936,503
OREGON HEALTH & SCIENCE UNIVERSITY 2,936,065
OREN TECHNOLOGIES, LLC 2,936,005
OREN, JOHN 2,936,005
OREN, JOSHUA 2,936,005
ORFER OY 2,936,043
OSADA, TAKUYA 2,936,244
OSVATH, LASZLO 2,936,343
OUILLON, DIDIER 2,935,484
OUTOTEC (FINLAND) OY 2,936,529
OVERESCH, JEREMY D. 2,936,206
OVERLAND DISCHLER, EIRIK 2,936,439
PAATERO, ERKKI 2,936,529
PABON, LUIS ALFREDO 2,936,555
PADVAL, MAHESH 2,936,283
PAHAN, KALIPADA 2,936,548
PAITHANKAR, DILIP 2,935,864
PAITHANKAR, DILIP 2,935,865
PAITHANKAR, DILIP 2,935,964
PAN, QI 2,934,965
PANICKER-SHAH, KALPANA 2,935,740
PAPADOPOULOS, APOSTOLOS 2,936,620
PARKER, MELISSA 2,936,258
PARKER, MELISSA 2,936,285
PARKINS, JOHN W. 2,936,175
PARRIS, DONALD 2,936,606
PARTIPILO, MICHELANGELO 2,936,571
PASSMANN, FRITZ 2,936,150
PATEL, KRISHNAKANT M. 2,936,083
PATRICK, CHARLES 2,936,022
PATRUT, CATALIN 2,936,291
PAULOSE, BIBIN 2,934,997
PAYNE, HELEN JANE 2,936,049
PEAKE, STEVEN C. 2,936,507
PEARCE, DAVID 2,936,191
PECORA, ANDREW 2,936,036
PELLETIER, MARK 2,936,080
PELTIER, JORDANE 2,936,476
PENG, WEIHONG 2,936,463
PENG, YOUYI 2,935,985
PENG, YUXING 2,936,419
PEREGO, GABRIELE 2,936,606
PESCHEL, ANDREAS 2,936,279
PETE, MATTHEW J. 2,936,105
PETERS, MARK EDWIN 2,935,995
PETERSEN, KIRSTIN 2,936,024
PETKANAS, DEAN 2,936,506
PETKOVIC, HVROJE 2,934,871
PETRO RESEARCH & ANALYSIS CORP. 2,936,351
PFIZER INC. 2,936,283
PHILIP MORRIS PRODUCTS S.A. 2,936,265
PHILIP MORRIS PRODUCTS S.A. 2,936,273
PHILLIPS, BRANDON T. 2,936,257
PHILP, JOANNE 2,936,467
PIASKOWSKI, ANDREW DIONIZY 2,936,119
PIERIS PHARMACEUTICALS GMBH 2,936,611
PIERRE FABRE DERMO-COSMETIQUE 2,936,135
PIETOSO, FRANK 2,936,094
PILPEL, YAIR 2,934,417
PINOT, JEAN-PHILIPPE 2,936,113
PISKLAK, THOMAS JASON 2,936,003
PISKORSKI, WALTER 2,936,108
PLASS, TILLMANN 2,936,615
POKITDOK, INC. 2,936,628
POLLACK, BENJAMIN 2,935,999
POLYCASE AMMUNITION, LLC 2,936,540
POLYMEROPOULOS, MIHAEL H. 2,936,504
PONTIFES, ANTONIO 2,936,095
PORTER, MICHEAL I. 2,936,340
POTENZIANO, JIM 2,936,490
POTRECK, JENS 2,936,188
POURCENOUX, JEROME 2,936,262
PRAXAIR S.T. TECHNOLOGY, INC. 2,934,321
PRAXAIR S.T. TECHNOLOGY, INC. 2,934,960
PRECISION COMBUSTION, INC. 2,936,347
PRESHER, AMELIA S. 2,936,288
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,936,312
PRESKY, DAVID 2,934,965
PRINGLE, JAMES 2,936,047
PRIVITI PTE. LTD. 2,936,007
PROFACA, MARK SILVIO 2,936,234
PROJECKTMETIER V/ STIG VESTERGAARD 2,936,427
PRUNERA-USACH, STEPHANE 2,936,476
PRYSMIAN S.P.A. 2,936,606

PUEHLER, FLORIAN 2,936,024
PUURA, JUSSI 2,936,491
PYZIK, ALEKSANDER J. 2,936,357
QI, JUN 2,936,256
QI, LI 2,936,440
QIN, ZHONGBIN 2,936,155
QINTERRA TECHNOLOGIES AS 2,936,190
QUALCOMM INCORPORATED 2,935,968
QUALCOMM INCORPORATED 2,936,583
QUENTIN, VERNUS 2,936,262
QUINLAN, ROBERT L. 2,935,987
QUINTERN, TOBIAS 2,936,140
RABINO, YOAV 2,935,180
RADER, CHRISTOPH 2,936,346
RADMAND, REZA 2,936,238
RAHY, ABDELAZIZ 2,936,306
RAJERISON, HOLISOA 2,936,034
RAMIREZ CORREDORES, MARIA MAGDALENA 2,936,390
RANADE, KOUSTUBH 2,936,258
RANADE, KOUSTUBH 2,936,285
RANGA, MADHAVAN GURRAM 2,936,162
RANGANATHAN, SATHISH KUMAR 2,936,147
RANGANATHAN, SATHISH KUMAR 2,936,194
RANTA, NIKO 2,936,270
RAO, JAGANNATH MADANAHALLI RANGANATH 2,936,162
RAY, WILLIAM DAVID 2,936,049
READ, DANIEL L. 2,936,058
RECTOR, DAVID JOHN 2,936,082
RED TAIL HAWK CORPORATION 2,936,175
REDCO NV 2,935,802
REESE, MARTIN 2,936,107
REIGNARD, JOELLE 2,936,303
REITERER, ALEXANDER 2,936,281
RELETHFORD, JOEL 2,936,349
RELICAN ANALYTICS, INC. 2,936,485
RENAUD, FREDERIC FERNAND PIERRE 2,936,132
RENAUDIER, STEEVE 2,935,478
RENAUDIER, STEEVE 2,935,484
RENAUDIER, STEEVE 2,935,486
RENDER NETWORKS PTY LTD 2,936,447
REUBINOFF, BENJAMIN EITHAN 2,936,486
REVILLA, DANIEL ALBERTO 2,936,555
REZAEI, MANSOUREH 2,935,867
RHONDIUM IP LIMITED 2,936,399
RICHAR, THOMAS M. 2,936,426
RICOH COMPANY, LTD. 2,936,054
RICOH COMPANY, LTD. 2,936,055
RIGHETTI, ALESSANDRO 2,936,042
RIGHINI, GIOVANNI 2,936,168
RILEY, JAMES ADRIAN 2,936,048
RINEHART, JOHN 2,936,058
RINHEAT OY 2,936,021
RIO TINTO ALCAN INTERNATIONAL LIMITED 2,935,478
RIO TINTO ALCAN INTERNATIONAL LIMITED 2,935,484
RIO TINTO ALCAN INTERNATIONAL LIMITED 2,935,486
RIPPE, OLIVIER 2,936,262
RIVERS, KEVIN 2,935,087
ROARK, WILLIAM 2,936,550
ROBINS, DOUGLAS G. 2,936,260
ROCHET, YVES 2,935,484
ROCHET, YVES 2,935,486
ROGERS, EVAN W. 2,936,079
ROLFFS, MERLAN 2,936,363
ROSS, ALLAN 2,936,066
ROSSO, NATHANIEL RISLER 2,936,228
ROTH, BRIAN A. 2,935,997
ROUSMANIERE, ARTHUR S. 2,935,864
ROUSSELOT B.V. 2,933,959
ROWAN, STUART 2,934,540
ROXHED, NICLAS 2,936,462
ROZEMA, MICHAEL 2,936,550
RUAN, YIJUN 2,936,089
RUFLIN, PAUL L. 2,936,087
RUMBAK, HANAN 2,935,330
RUMENS, KURT W.F. 2,936,009
RUNDLE, ROBERT 2,936,571
RUNDLE, ROBERT 2,936,572
RUNDLE, ROBERT 2,936,574
RUNDLE, ROBERT 2,936,578
RUOT, CAROLE 2,936,469
RUOTTU, SEPPO 2,936,267
RUSCH, CHRISTOPH 2,936,468
RUSSELL, PHILIP ST.J. 2,928,720
RUSSO, DOMENICO 2,936,192
RUSU, ANA 2,936,458
RUSU, ANA 2,936,487
RUTHVEN, PAUL JAMES 2,935,995
RUTTINGER, WOLFGANG 2,936,295
SA DES EAUX MINERALES D'EVIAN SAEME 2,936,531
SABISTON, ROBERT MALCOLM 2,936,465
SABOROWSKI, MICHAEL 2,936,254
SAGAN, DIDIER 2,936,449
SAGAR, AKASH 2,936,503
SAINT-GOBAIN PLACO SAS 2,936,004
SAKS, SAMUEL 2,936,245
SALVADOR, PATRICK 2,936,117
SAMPSON, KILEY G. 2,936,603
SAMSUNG ELECTRONICS CO., LTD. 2,936,057
SAMSUNG ELECTRONICS CO., LTD. 2,936,059
SAMUEL, ROBELLO 2,936,045
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